Math — 3

Course Description: Students will expand their understanding of graphing, measurement, fractions, geometry, place value, time and money. Students will be introduced to adding and subtracting large numbers, rounding and estimation, finding the perimeter, decimals, multiplication and division. Students will practice their skills and new math vocabulary using worksheets as well as online games, quizzes and activities.

Learn about our books to work offline.
Printables for the year/ Buy the printables for the online course as a workbook
Answer Key for the printables for the online course

Review

Day 1
1. If you didn’t get here through My EP Assignments, I suggest you go there and create an account.
2. Find the numbers and shoot off the fireworks. Choose 1-100. (PLEASE NOTE: This and other ABCya links are best done from a computer. A mobile device will redirect this link to the paid app.)
3. Go on a math journey.
4. Watch the shape song. Draw each shape it sings about.
5. You don’t need a worksheet for today, but you should decide if you want to print out the worksheets for the year (over 100 pages) or buy them as a printable book. The PDF to print will be linked on each day there is a worksheet to print.

Day 2
1. Click on the numbers that add up to whatever number it shows you.
2. Play shark numbers. Count the tens and then count the ones and click on the number.
3. Play tangrams. Choose a picture to make. Click “lines on.” Move and turn the shapes to get them to fill in the shape. This is tricky too.

Day 3
1. Buy the item with the exact amount.
2. Measure with a ruler and get the ant to his picnic. (Click on the next dot. Then click on the ruler to measure. You can turn the ruler sideways.)
3. Tell time. Choose analog. (This link will need to be done from a computer. A mobile device will redirect you to their paid app.)
Day 4* (*Means there’s a worksheet to use today.)
1. *Use the tally mark chart to answer the questions. Check your answers.
2. Make the numbers using stacks of tens and blocks of ones. Use tens and ones to make numbers. Make 13, 25, 61, and any other two-digit number.
3. Take the test.

Day 5*
1. *Label the even numbers based on the numbers already on the line. Use the numbers that are there to figure out the missing numbers in the pattern. Check your answers.
2. Make numbers. Drag one of those big squares of blocks onto the work mat. What number does it say? 100! There are 100 blocks in that square. It’s 10 stacks of 10 blocks all put together. Make the numbers: 142 and 375. Now you are using hundreds, tens and ones.
3. Make numbers. You are using hundreds, tens and ones. Make a big number. Do you see the hundreds, tens and ones. Click on the button to see them all put together. Click on new and make another big number.

Day 6*  
**xtramath** — If you haven’t yet, go to this site every day until you know all of your addition and subtraction facts fast! Stop when you get to multiplication. (Parents: If this isn’t coming easily for your child, you can slow it down. Click on parent/teacher and log in. Choose the child’s tab. Choose Change Program. Choose 6 second addition. When it’s mastered, you can change to subtraction, etc.)
1. *What numbers come before and after? Which number is the hundreds? Check your answers.
2. Click to play “10 more”. It will tell you a number. Add 10. Remember how? Add 1 to the ten’s place. It’s easy on the chart. Just look down one row because each row has ten numbers. When you find the right answer, click on next to get your next number to find. When this is easy for you, go on to number three (below).
3. Play again. This time click “11 more“. That’s adding 10 and adding 1. Now you will add 1 to the tens and 1 to the ones. What happens when you add 1 to 9? Do you remember? It’s easy on the chart. Just move down one row to add 10 and over one spot to add 1.

Day 7*  
**xtramath**
1. *Count by tens. Add on ten at a time and fill in the blanks. Answer the addition questions. Add by 10s. Check your answers.
2. Can you do it? You can try this game to make sure you are doing it right. Choose 10 more. You just jump up one row to add ten. You can use the chart to check your answers.

Day 8*  
**xtramath**
1. You can watch the first part of this video to remind you about adding with carrying. Stop when the teacher says to do the problems on your worksheet (around 5:40).
2. When the ones add up to ten, you make them into a group of ten and add them to the tens.
3. *You can do your worksheet for Day 8. Remember, if there is no number in the tens place, that’s just zero. You don’t have to add anything to the other tens. Check your answers.*

**Day 9***

xtramath

1. If you need a reminder how to do this, you can watch this presentation before you practice.
2. *Then you can do your Day 9 worksheet. Check your answers.*

**Day 10***

xtramath

1. *Answer the addition word problems on the Day 10 worksheet. Check your answers.*

**Day 11***

xtramath

1. Now let’s subtract.
2. *Complete the Day 11 worksheet. Check your answers.*
3. If you can’t remember how to do this, you can watch this presentation.

**Day 12***

xtramath

1. *Print and complete the Day 12 worksheet. Check your answers.*
2. If you want a reminder of how to do it, you can watch this presentation.

**Day 13***

xtramath

1. *Print this worksheet and subtract. Check your answers.*

**Subtraction with Regrouping**

**Day 14***

xtramath

1. How do you subtract 34 -7? You can’t take 7 ones away from 4 ones. Watch this presentation to learn how to do it.
2. *Complete this worksheet. Check your answers.*

**Day 15***

xtramath

1. Watch the video on subtraction with borrowing.
2. *Then complete this worksheet. Check your answers.*

**Day 16***

xtramath

1. Watch the video on subtraction with borrowing.
2. *Then complete this worksheet. Check your answers.*

**Day 17**
xtramath
1. Watch the video on subtraction with borrowing (or regrouping)
2. * Complete the subtraction word problems. Check your answers.

Day 18*
xtramath
1. *Complete the word problem worksheet. Some are addition and some are subtraction. Check your answers.

Day 19*
xtramath
1. *Complete the word problem worksheet. Some are addition and some are subtraction. Check your answers.

Day 20
xtramath
1. Do the adding “total less than 20” activity and the subtracting “numbers within 20” activities. Try both a few times and try to beat your speed.
2. Click on “Enter the Mega Penny Project.” Click next to count to a million, a billion and more!

Money

Day 21*
xtramath
1. Play level 1 Beginner and then play Expert.
   • Expert means using as few coins as possible. Start with the largest coin. Can you use it without having too much? Once you have as many as you can use, go to the next largest coin.
2. *Complete the worksheet for today to keep your skills sharp. Check your answers.

Day 22*
xtramath

Day 23*
xtramath
1. Play level 2 Beginner and then play Expert.
2. *Count by fives to complete the worksheet. Check the answers.

Day 24*
xtramath
1. Play Count the Money. Drag the puzzle piece (the picture portion) onto the answer.
2. *Complete the worksheet. Check the answers.

Day 25*
xtramath
1. Play **level 3** Beginner and then play Expert.
2. *Complete the worksheet. Check your answers.*

### Day 26

**xtramath**

1. Add the **costs of lunch.**

### Day 27*

**xtramath**

1. Play **Cash Out.** Click on NO for Show Change Amount.
   - It will tell you how much the customer spent and how much money they gave you. It is the easy level, so they will give you $1.00.
   - How do you know how much change to give?
   - Count on from how much they spent.
   - If they spent 63 cents, $0.63, then you would click on the penny to put two pennies on the counter and count 64, 65. Then you could put a dime on the counter and count 75. Then you could put a quarter on the counter and count 100 or $1.00.
   - Check your amount by counting on from how much they spent. You can click on a coin to take it off the counter.
   - Give the change when you are ready.
2. *Complete the worksheet. Check your answers.*

### Day 28*

**xtramath**

1. How many cents are in a dollar? (answer: **100**)
2. You are going to complete a worksheet, but before you start, I want you to look at the first problem. You are going to subtract 20 from 100. We’re going to do it together.
   - First you’ll subtract the ones straight down. Zero minus zero is zero. You can write zero in the answer spot under the zeros in the ones column.
   - What’s left? Draw a box around the 10 left in **100**.
     - Now you have ten minus two left. You know the answer to that. What’s ten minus two? (answer: **8**)  
       - Write 8 in the tens spot in the answer.
     - What’s the answer to **100 – 20**? (answer: **80**)  
     - *Complete the worksheet. Each time draw a box around the ten in the problem. When you need to borrow more ones in order to subtract, you can cross off the ten and make it a nine. Then like normal you take those ten and move them into the ones column. Check your answers.*

### Day 29*

**xtramath**

1. *Use your worksheet and subtract the money, like you are making change. (You can ignore the decimal points. For example, the first one is 65 cents minus 21 cents. 65 – 21 = 44 That’s 44 cents. You write that as **$0.44**. For all of your answers you will write **$0.** and then the answer to your subtraction problem. I already gave you the first answer, so you are already on your way!*
2. Check your answers when you are done.
Day 30*
xtramath
1. *Complete the worksheet. Check your answers.

Rounding/Estimation

Day 31*
xtramath
1. Estimating means making a good guess as to what the answer is.
2. Rounding is one trick we use to figure out what a good guess would be.
3. Use estimation to make a good guess as to which box has more.
4. *Use this worksheet to compare. Check your answers.

Day 32*
xtramath
1. Watch this video on rounding.
2. Here are some examples of rounding to the nearest ten:
   • 13 -> the number on the right is four or less, so the number on the left stays the same
   • 10 is the nearest ten
   • Look at it on the number line. Click on go. Find 13. Is it closer to 10 or 20? That’s what rounding is. Which number is closer? If it is right in the middle, we round up to the higher number.
   • 27 -> The number on the right is 5 or more, so the number on the left moves up one.
   • 30 is the nearest ten
   • Look at it on the number line. Click on go. Find 27. Is it closer to 20 or 30?
   • 2 -> Is it closer to 0 or 10?
3. Try rounding to the nearest ten.
4. *Use the menu to answer the questions. Check your answers.

Day 33*
xtramath
1. Scroll down and click on start. Round to the nearest ten.
2. *Keep your skills sharp with this worksheet. Check your answers.

Day 34*
xtramath
1. When you round to the nearest hundred, you do the same thing as with tens.
2. Here are some examples:
   • 461 -> We are rounding to the nearest hundred. Which number is in the hundreds spot? (answer: 4)
   • 461 -> When we round this to the nearest hundred, we are asking, “Which is it closer to 400 or 500?”
   • We need to look at the number immediately to the right. Which number is to the right of 4? (answer: 6)
   • Is six, 5 or more? (answer: yes)
   • Then we need to change the number on the left to one more. The 4 becomes a 5.
   • 461 -> 500 Which is 461 closer to 400 or 500?
3. Watch this video again, just for the first 32 seconds.
4. Round to the nearest hundred.
5. *Complete the worksheet. Check your answers.

Day 35
xtramath
1. Round to the nearest 10 to steer the boat. I know you have to think fast. Give it a try.
2. Round to the nearest 100 to steer the boat. Do your best.

Time

Day 36
xtramath
1. Do this lesson on telling time.
2. Set the clocks.
   • Choose Setting Clocks (Digital). It’s at the top.
   • Then choose To the Half hour (which is second from the bottom).
   • Remember: the hour is the number the hand has already passed.

Day 37*
xtramath
1. Set the clocks.
   • Choose Setting Clocks (Analog). It’s the second from the top.
   • Then choose To the Half hour (which is second from the bottom).
   • The hour hand will move as you move the minute hand, so make sure it is accurate before you check.
2. *Complete the worksheet. Check your answers.

Day 38*
xtramath
1. Take the time quiz. The blue hand is the minutes. The hour is the number the red hand has passed. To find the minutes count by fives around the big numbers. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55
2. Play the medium level.
3. *Complete the worksheet. Check your answers.

Day 39*
xtramath
1. There are other ways to say time.
2. We can say “five minutes after six.” What time do you think that would be? (answer 6:05)
3. How about “half past four.” What time is that? What is half way around the clock? (answer 4:30)
4. Can you guess what “quarter past three” would be? What is a quarter of the way around the clock? Divide the clock into four pieces. (answer 3:15)
5. What time is it?
Day 40*

1. Choose a level 2 game.
2. We can also say how many minutes there are until the next hour. We say it like this, “Five to eight.” That means it is five minutes until eight.
3. Make this clock say “five minutes to eight.” (Click Go to start.) When you found the right place, the clock will say 7:55.
4. Remember: the hour is not eight yet. It’s still five minutes before the hour hand will reach the eight.
5. Do you see that there are just five minutes until eight o’clock?
6. When we talk about time until the hour, we count by fives backwards. At the 11 there are just five minutes until the hour. At the 10 there are ten minutes until the hour.
7. Make the clock say “ten minutes to nine.” What does the digital clock say? (answer: 8:50)
8. Remember: It’s not nine o’clock yet. There are still ten minutes before the hour hand reaches the nine.
9. If you got it wrong, fix the clock hands.
10. Make the clock say “twenty minutes until ten.” Count by fives backwards. The 11 is five, the 10 is ten, the 9 is 15… What does the digital clock say when you make the hands say “twenty minutes to ten?” (answer: 9:40)
11. If you got it wrong, fix the clock hands.
12. What do you think the clock would look like at “quarter to three?” (answer: 2:45)
13. *Print out the time and word cards from the worksheet. Cut them into rectangles. Place them face down. Find the matches.
14. What’s another way to say, “15 minutes to 8?” (answer: quarter to eight)

Day 41*

1. Play Bang on Time.
2. *Complete the worksheet on adding with regrouping. Work neatly and give this to a parent when you are finished to add to your portfolio. Check your answers.

Day 42*

1. We count by fives around the numbers on the clock because each little line is 1. Look at the little lines on this clock. They are blue blocks really. There are four and then when you count five you are at the big number.
   • Count the minutes around the clock. You should count 60.
2. What level can you do? Start at an early level and keep moving up.
3. Match the clocks and times.
4. *Complete the worksheet on subtracting with regrouping. Check your answers.

Day 43*

1. Play the advanced level.
2. *Complete the addition worksheet. Check your answers.
Day 44*
xtramath
1. Play Beat the Clock.
2. *Complete the subtraction worksheet. Check your answers.

Day 45*
xtramath
1. Match the times.
2. *Complete this Venn Diagram worksheet. A Venn Diagram shows where something belongs. If it matches the criteria of the oval, then it is inside of it. If it is in two ovals, then it meets the criteria of both. If it's outside of both ovals, then it doesn't meet the criteria of either of them. Check the answers.

Thousands

Day 46
xtramath
1. Read this page about numbers to 1000 and then click on the “More or Less” activity at the bottom and do it.
2. Do this adding and subtracting to 20 activity. (Or you can play math triathlon.)

Day 47
xtramath
1. Make numbers. Now you are using thousands, hundreds, tens and ones. Make a big number. Do you see the thousands, hundreds, tens and ones? Do you see them all put together? Make different numbers.
2. Play a level 2 game.

Day 48
xtramath
1. Make at least three big numbers.
2. Do the activity, adding and subtracting to 20. (Or you can play math triathlon instead.)

Day 49
xtramath
1. Watch this addition video on adding hundreds.
2. Add hundreds. Add 250 and 345. Make the first number and then click on the plus sign to add on the ones, tens, and hundreds of the second number. What’s the answer? Write the problem out on paper.
3. Now add 361 and 297. What happens when you add the 9 to the 6 in the tens column? Write the problem out on paper.
4. Try it again with 168 and 455.
5. One more time. This time add 786 and 329.

Day 50*
xtramath — This is just for addition and subtraction. Stop when you get to multiplication.
1. *Complete the worksheet on adding hundreds.* Cut out the blocks on pages 2 and 3 and use them to find the answers to the problems on page 1.

2. **Make sure you check your answers and understand your mistakes.**
   - I’m going to tell you two of the answers.
   - Build the problems with the pieces. (The big cubes are 1000 blocks put together.)
     - 875
     - $+ 314$
     - 149
     - ones 5 + 4 = 9
     - tens 7 + 1 = 8
     - hundreds 8 + 3 = 11 That’s 1 in the hundreds spot and 1 in thousands spot.
     - thousands There are no other thousands to add, so there is only 1 thousand.
     - 976
     - $+ 122$
     - 1098
     - ones 6 + 2 = 8
     - tens 7 + 2 = 9
     - hundreds 9 + 1 = 1 That’s 0 in the hundreds spot. Carry the one to the thousands.
     - thousands 0 + 0 + 1 = 1 There were no thousands in either number and then the one we carried over.

### Rounding/Estimation

**Day 51**

**xtramath**

1. Round to the nearest ten.
2. *Complete this worksheet on adding hundreds.
3. Check your answers. Redo any problem you got wrong.

**Day 52**

**xtramath**

1. Round to the nearest hundred. You always need to pay attention to what you are supposed to round to.
2. *Complete the worksheet. Check your answers and redo anything you got wrong. Make sure you understand. These worksheets are a lot easier if you know all of your math facts!

**Day 53**

**xtramath**

1. Watch this presentation on estimating sums with rounding. At any time you can pause it or go back.
2. *Follow the directions to add and estimate.
3. Check your answers. Make sure you understand your mistakes.

**Day 54**

**xtramath**

1. Watch this presentation on estimating differences with rounding.
2. *Subtract and estimate.
3. Check your answers. Make sure you understand your mistakes.

Day 55
xtramath
2. Play Bang on Time. Can you make the hand go faster?

Review/Practice

Day 56*
xtramath
1. Play trimathalon. The faster you answer, the better medal you'll receive. Remember: if a problem says 17 – 11, don't flip out! You can do it, easy. Subtract the ones. 7-1=6, subtract the tens, 1-1=0, 6 is the answer
2. *Add and estimate.
3. Check your answers. Make sure you understand your mistakes.

Day 57*
xtramath
1. Pretend you are holding a yard sale. Two amounts are shown. These are your offers. Choose the largest offer. Which group of coins is the most money?
2. *Subtract and estimate.
3. Check your answers. Make sure you understand your mistakes.

Day 58*
xtramath
1. What time is it?
   - Make the top two choices.
   - It's Setting Clocks (Digital) and To the Minute.
2. *Add and estimate.
3. Check your answers. Make sure you understand your mistakes.

Day 59*
xtramath
1. Play Genius Boxing. This gets harder with each level. Play as long as you can.
2. *Subtract and estimate.
3. Check your answers. Make sure you understand your mistakes.

Day 60
xtramath
1. Play Shape Invaders. Use the space bar to blast every shape that's not written at the top of the screen. When the first round is finished, if there is no “next” button to get to the next round, try clicking above the shapes that show how many lives you have left.
2. Try Buffalo Math. This is hard because it goes fast. Relax and do your best.
3. Play Bingo.
Subtracting Hundreds

Day 61
xtramath
1. Watch this video on subtracting hundreds.
2. Do five subtraction problems with hundreds.
   • Write down the problem.
   • Do the problem and find the answer.
   • Use the abacus to check the answer. Use the minus sign to subtract off the number of ones, tens, and hundreds.
   • 543-221, 415-120, 627-188, 408-312, 100-47

Day 62*
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Day 63*
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Day 64*
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Day 65
xtramath
1. Find the pattern.
2. Add ones, tens, or hundreds. After three balloons rise, click anywhere on the screen to get the next round.
3. Who won? Be sure to read the introduction and the questions carefully! It may be helpful to write the numbers on pieces of papers so you can rearrange the numbers until you figure it out. (answers: Vincent, Ali, Rohan, and neither-both numbers are 13 away from 5000)

Rounding/Estimation with Hundreds

Day 66
xtramath
1. Watch this video again, just for the first 32 seconds.
2. Round to the nearest hundred.
3. Round to the nearest hundred. If it won't let you choose numbers, just click on play.
   Click on answer to check. Then click on next.
4. Round 467 and 720 to the nearest hundred. (answer: 500 and 700)
5. Add them. (answer: 5 hundred + 7 hundred = 12 hundred, 500 + 700 = 1200)
6. Round 820 and 389 to the nearest hundred. (answer: 800 and 400)
7. Subtract them. (answer: 8 hundred – 4 hundred = 4 hundred, 800 – 400 = 400)
8. Write these two problems. Solve them regular to find the exact answer. Then round to find the estimated answer.
   • 358 + 802 =
   • 634 – 379 =
9. (answers: 1160, 255, 1200, 200)

Day 67*
xtramath
1. *Add and estimate.
2. Check your answers. Make sure you understand your mistakes.

Day 68*
xtramath
1. *Subtract and estimate.
2. Check your answers. Make sure you understand your mistakes.

Day 69*
xtramath
1. *Add and estimate.
2. Check your answers. Make sure you understand your mistakes.

Day 70*
xtramath
1. *Subtract and estimate.
2. Check your answers. Make sure you understand your mistakes.

Geometry

Day 71
xtramath
1. Read this lesson on polygons.
2. What is a polygon? (answer: a closed shape with straight sides and angles)
3. Draw four different types of polygons. Write how many sides and how many angles each have.
4. (answer: Sides and angles are the same number.)

Day 72
xtramath
1. Read this lesson on congruent shapes. Answer the questions.
2. Read this lesson on symmetry. Answer the questions.

Day 73
xtramath
1. Read this lesson congruent polygons.
2. Do this symmetry activity. Where the picture ends is the line of symmetry. Click on one of the aliens moving across the screen. Build the other half of the shape so that the shape is symmetric.

**Day 74**  
**xtramath**
1. Read this lesson on perimeter, the measure around an object.
2. Count up the perimeter of the objects.

**Day 75**  
**xtramath** — This is just for addition and subtraction. Stop at multiplication.
1. Read this lesson on perimeter and answer the questions.
2. Can you match the geometry vocabulary with their meanings?

**Rounding and Estimation with Thousands**

**Day 76**  
**xtramath**
1. Make numbers. Select the middle option under “numbers” (Th H T U). Make the number shown at the top of the page by selecting the correct number of thousands, hundreds, tens and units.
2. Watch this presentation on rounding with numbers in the thousands.
3. Do this shapes activity.

**Day 77**  
**xtramath**
1. Now round to the nearest hundred with the sharks.
2. Round to the nearest ten.
3. Play a level 2 subtraction game.

**Day 78**  
**xtramath**
1. Now try estimation. Round and then estimate the sum. To estimate means to make an educated guess. Rounding gives you the knowledge to make a good guess that is close to the actual answer.
   - Example: $7713 + 5330 \rightarrow$ 7 becomes 8, 5 stays the same
   - 8 thousand + 5 thousand = 13 thousand = $13,000$
2. Play a level 2 addition game.

**Day 79**  
**xtramath**
1. Play Home Run Derby. Choose addition. Round, add, type in your estimation, click on HIT. Then click on Next at Bat.
2. Play a level 2 subtraction game.

**Day 80**  
**xtramath**
1. Play Putt level. Then play Junior level.
2. Do this activity, adding and subtracting to 20. (Or you can play math triathlon instead.)
Estimating Sums and Differences with Thousands

Day 81*
xtramath
1. *Add and estimate.
2. Check your answers. Fix any mistakes.

Day 82*
xtramath
1. *Subtract and estimate.
2. Work neatly and give this to a parent when you are finished to add to your portfolio.
3. Check your answers. Fix any mistakes.

Day 83*
xtramath
1. *Add and estimate. Check your answers.

Day 84*
xtramath
1. *Subtract and estimate. Check your answers.

Day 85
xtramath
1. Play Maximum Capacity.
2. Play War Pretzels.

Elapsed Time

Day 86
xtramath
1. Elapsed time is how much time has passed. From the time my 1 year old wakes up in the morning at 8:30 to the time he takes his nap at 1:00, 4 and a half hours have elapsed, gone by.
   - 8:30-9:30 is one hour.
   - 9:30-10:30 is one hour. (That's 2 hours all together.)
   - 10:30-11:30 is one hour. (That's 3 hours.)
   - 11:30-12:30 is one hour. (That's 4 hours.)
   - 12:30-1:00 is half an hour. (That's 4 and a half hours.)
2. Read the directions. This is a simple activity, but you need to know how to use it.
3. Make the clock that says “current” be at the same time as the “end” clock. Make time pass by clicking on the time buttons at the bottom, like “1 hour.” If you click on 1 hour, the “current” clock will move ahead 1 hour. It will read that 1 hour has elapsed, or passed. Keep clicking the time buttons until the current and end clocks match.
4. Pay attention to how much time has passed, or elapsed, to get from the first clock’s time to the last clock’s time.
5. Then change it to level 2. Then do level 3.
6. Play at least 3 levels of Figure It. Once you get confetti, you can move to the next level.
Day 87
xtramath
1. Make the correct amount of time pass, or elapse.
   • Click on the button next to “Advance by.” It will count the hours as the clock advances. You want to make the current time match the end time. When you get to the end time, then you know how much time has gone by from the start time to the end time.
   • Then you can click on the circle next to “Guess.” You can now say how many hours have passed from the start to the end time.
   • At the end you can click on Show Score.
2. Click on the subtraction tab. (If that isn’t there, here is the same thing elsewhere.)

Day 88
xtramath
1. How much time has elapsed, gone by? You can do basic and then try a harder level if you like.
2. Play Addition Matho.

Day 89*
xtramath
1. *Complete this worksheet. Find the elapsed time. Count by fives around the clock and pay attention to how much the hour hand moved. Check your answers.
2. Subtract as many numbers as you can in two minutes. Use the tab button to move to the next question.

Day 90
xtramath
1. Read the charts to answer the time questions.
2. Find a friend. Click on numbers to add to the target number. For example: 3 + 2 +4 = 9
3. Do all 15 addition and subtraction word problems.

Day 91
xtramath
1. Review fractions.
2. Do the addition problems.

Day 92
xtramath
1. Read one more review lesson.
2. Subtract and make the picture.

Day 93
xtramath
1. Match the fractions.
2. Add and paddle.

Day 94
xtramath
1. Make **fractions**.
   - The pictures show the fraction.
   - Create a fraction on the left. Change the denominator and the numerator.
   - Choose a multiplier in the middle.
   - The number of pieces on the bottom of the new fraction on the right is the **denominator**.
   - The number of red pieces on the top of the new fraction is the **numerator**.
   - The two fractions are **equivalent**. If those were pizza slices, and you ate either amount shown by the fractions, you would be eating the same amount of pizza. The one number is more pieces, but the pieces are smaller.

2. Do it again a few times. Can you figure out where the numbers in the new fraction are coming from?

3. Do the **subtraction problems**.

_Day 95_

_xtramath_

1. Do you remember your **geometry vocabulary**?
2. How much **time** has elapsed? Choose Elapsed Time (Digital) in the top section and To the Quarter Hour in the bottom part.

_Day 96_

_xtramath_

1. Match the **fractions**.
2. **Add** as many as you can.

_Day 97_

_xtramath_

1. Find **equivalent fractions**, fractions that are the same amount.
   - The picture shows the fraction.
   - Click the arrows to add parts and to change the number colored in.
   - Click the multiplier to change the bar graph.
   - The number on the bottom is the **denominator**.
   - The number on the top of the new fraction is the **numerator**.
   - The two fractions are **equivalent**. If those were both pizza slices, and you ate either amount shown by the fractions, you would be eating the same amount of pizza. The one on the right is more pieces, but the pieces are smaller.

2. **Subtract** at least five problems.

_Day 98_

_xtramath_

1. Try to find the **equivalent fractions**, the two pictures that look like the same amount of red.
2. Do five problems of **adding hundreds**. Choose addition, five problems, two rows, and three digits in each row.

_Day 99_

_xtramath_

1. Find the **equivalent fractions**.
2. **Subtract** at least five problems.

**Day 100**

xtramath I am hoping that you are finishing up with addition and subtraction.
1. Play the math vocab game.
2. Make a symmetric pattern. [alternate link](#)
3. It's the hundredth day of school!

**Day 101**

xtramath
1. **Compare fractions.** Which one is bigger? Which is smaller? The fraction with the most red is the larger fraction.
2. Add double digits. Leave the settings as they are except the bottom two. Change them from four digits to two digits by clicking on the number 2s.

**Day 102**

xtramath
1. Compare the fractions. The fraction filling in the circle with the least amount of red is the smallest fraction.
2. Subtract double digits.

**Day 103**

xtramath
1. Compare the fractions.
2. Play rounding sharks.

**Day 104**

xtramath
1. Compare the fractions.
   - Play by making different fractions. The fraction that is bigger has the most pizza or chocolate, or whatever you are playing with.
   - Make sure to try it with the bottom numbers (denominators) being the same. Which fraction is smaller then?
     - It's the one with the smallest number on top. (The top number is called the numerator).
2. Take some shots. There's a button to click on if you are using a tablet.
3. Then try these rounding problems.

**Day 105**

xtramath
1. Play estimation golf. Play all three levels. On the pro level, it may give you a multiplication problem. You can just type in any crazy answer for those. I want you to keep playing to practice the four digit addition and subtraction estimation problems.

**Day 106**

1. Click on Play Video.
You don’t need to know the names of all of those properties, but it’s good to know these things. Read below.

- Multiplication is adding over and over again. 5 times 2 is $5 + 5$, 5 times 3 is $5 + 5 + 5$, 5 times 4 is $5 + 5 + 5 + 5$, That’s like counting by fives 4 times.
- If I put five books on each shelf and there were four shelves, I would have $5 + 5 + 5 + 5$ books. $5 \times 4 = 20$
- Anything zero times is zero. A million times zero is zero. If I gave you a million dollars zero times, you would have zero dollars.
- Anything one time is itself. 8 times 1 is 8. If I give you eight pieces of candy one time, you would have eight pieces of candy.
- 3 times 2 is the same as 2 times 3 (just like addition). If I gave you 3 M&Ms two times, you would have 6. If I gave you 2 M&Ms three times, you would have 6. If you don’t believe me, go ask for some chocolate chips to practice with. Give 3 two times and 2 three times and see if it’s the same amount. $2 \times 3 = 3 \times 2 = 6$

2. Learn that any number times zero is zero.
3. Learn that any number times one is itself.

**Day 107**

_xtramath_ This is only if you still need it for addition and subtraction.

1. *Complete the multiplication worksheet. You will make little pictures of the problem. Check your answers.*
2. Learn a fact. **two times two equals four** In fact, any number times two is just that number doubled. $3 \times 2 = 3 + 3 = 6$
3. Do numbers 1 and 3 along the top, “learn with pictures” and “understand the basics.” If you want to do more, you can use the other tabs too.

**Day 108**

_xtramath_ – only for addition and subtraction

1. Learn a fact. **$2 \times 3 = 6$**. Do numbers 1 and 3 along the top, “learn with pictures” and “understand the basics.”
2. Watch this video about **multiplying by 6**.
3. Draw a picture of the 3 groups of 6 balloons. How many balloons? Write $3 \times 6 = \text{the answer on your paper}$.
4. Do another picture of six cartons of six eggs in each carton. Write the **equation** with the answer on the paper.
5. *Complete the multiplication tricks worksheet. Check your answers.*

**Day 109**

_xtramath_ – I’m not going to keep writing it each day, but this is just for addition and subtraction if you still need it.

1. Learn a fact. **$2 \times 4 = 8$**. Do numbers 1 and 3 along the top, “learn with pictures” and “understand the basics.”
2. *Do this multiplication worksheet. Circle each group of little stars. Use those pictures of groups to find the answers. Check your answers.*
3. Do the **money matching game**.

**Day 110**

_xtramath_
1. Learn a fact. \(2 \times 5 = 10\). Do numbers 1 and 3 along the top, "learn with pictures" and "understand the basics."
2. Then take the quick quiz.
3. *Do this Multiplying by 5 worksheet. Check your answers.
4. How much time has elapsed?

Day 111*

xtramath

1. Learn a fact. \(2 \times 6 = 12\). Do numbers 1 and 3 along the top, "learn with pictures" and "understand the basics."
2. *Do some cake baking! You'll need scissors and tape or glue.

Day 112*

xtramath

1. Learn a fact. \(2 \times 7 = 14\). Do numbers 1 and 3 along the top, "learn with pictures" and "understand the basics."
2. *Eat some cake.

Day 113*

xtramath

1. Learn a fact. \(2 \times 8 = 16\). Do numbers 1 and 3 along the top, "learn with pictures" and "understand the basics."
2. Play a game to review. Remember: multiplying by two is just doubling the number. 4 times 2 is the same as 4 plus 4.

Day 114*

xtramath

1. Learn a fact. \(2 \times 9 = 18\). Do numbers 1 and 3 along the top, "learn with pictures" and "understand the basics."
2. Watch this video on dividing into groups.
3. When we multiplied, we took the groups and added them all together. Now we do the opposite. Multiplication and division are opposites like addition and subtraction are opposites. We are going to take the total and divide it into groups.
4. If I had 4 pieces of paper and I wanted them in 1 group, how many pieces of paper would be in that group? Four. If you don't believe me, take four pieces of paper and put them in one pile, one group. There are 4.
5. 4 divided by 1 = 4
6. If you had 0 pieces of candy and put that candy into 5 groups, how much candy would be in each group? ZERO! There is no candy.
7. *Complete the worksheet on dividing with 0 and 1. Check your answers.
8. Find the perimeter. The perimeter is the measure around. Opposite sides are the same length.

Day 115

xtramath

1. Do the quick quiz. Whatever you got wrong, go find the right answer by clicking on the problem. If you didn't get any wrong, go and get a high five and/or a hug.
2. Subtract double digits.
3. Click on each shape to see the lines of symmetry. Then click on the number 2 tab and answer the questions.

Decimals

Day 116

1. Learn a fact. $3 \times 3 = 9$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. Did you notice that I want you to play the game?
3. Our next lesson is on decimals. It’s a way of writing numbers. You’ve seen decimals before. $4.25$ is 4 dollars and 25 cents. That dot is called a decimal point. It tells us that the number that comes after it are parts of 1. It’s not 425 dollars. There are only 4 dollars. Then there are 25 parts of a dollar. How many cents are in a dollar? (answer: 100) The decimal point tells us that 25 means cents, or parts of a dollar.
4. Watch this video on decimals tenths and this one on money as decimals.

Day 117

1. Learn a fact. $3 \times 4 = 12$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. What decimal is shown? How many blocks out of 100?

Day 118*

1. Learn a fact. $3 \times 5 = 15$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. *Write money as decimals. You will write a dollar sign, then the number of dollars, then a decimal point, then the number of cents. Check your answers.

Day 119*

1. Learn a fact. $3 \times 6 = 18$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. *Add the decimals. Read the directions! Look at the example! Check your answers.

Day 120*

1. Practice a fact. Do numbers 2 and 5 along the top, “Review to Remember,” “Take a Quiz.”
2. *Subtract decimals. Read the directions!
3. Check your answers.

Day 121

1. Learn a fact. $3 \times 7 = 21$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. Do this lesson on adding money as decimals.
3. Play the sand dollar fraction game.

**Day 122**
**xtramath**
1. Learn a fact. $3 \times 8 = 24$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. *Add up your money by adding decimals. Adding money is just adding decimals, but make sure you use a dollar sign. Check your answers.*

**Day 123**
**xtramath**
1. Learn a fact. $3 \times 9 = 27$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. *Do the money word problems. Work neatly and give this to a parent when you are finished to add to your portfolio. Check your answers.*

**Day 124**
**xtramath**
1. Do the quick quiz. Whatever you got wrong, go find the right answer by clicking on the problem. If you didn’t get any wrong, go and get a high five and/or a hug.
2. *Do this worksheet. You are going to add and subtract dollars. Make sure you pay attention each time to see if it’s addition or subtraction. Check your answers.*

**Day 125**
**xtramath**
1. Learn a fact. $4 \times 4 = 16$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. *Do this worksheet. You are going to add and subtract dollars. Make sure you pay attention each time to see if it’s addition or subtraction. Check your answers.*

**Word Problems**

**Day 126**
**xtramath**
1. Learn a fact. $4 \times 5 = 20$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. Read the multiplication rhymes.
3. Solve the word problems.

**Day 127**
**xtramath**
1. Learn a fact. $4 \times 6 = 24$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. Read the multiplication rhymes.
3. Solve the word problems.

**Day 128**
**xtramath**
1. Learn a fact. $4 \times 7 = 28$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics,” and “play a game.”
2. Read the multiplication rhymes.
3. Subtract the money. Check your answers.

Day 129
xtramath
1. Learn a fact. $4 \times 8 = 32$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”
2. Read the multiplication rhymes.
3. Solve the word problems.

Day 130*
xtramath
1. Learn a fact. $4 \times 9 = 36$. Do numbers 1 and 3 along the top, “learn with pictures,” “understand the basics.”
2. *Follow the directions and complete the estimation worksheet. Check your answers.
3. What time is it?
4. vocabulary review

Review

Day 131*
xtramath
1. Do the quick quiz. Whatever you got wrong, go find the right answer by clicking on the problem. If you didn't get any wrong, go and get a high five and/or a hug.
2. *Complete the worksheet page. If you have one red and one blue crayon or colored pencils, get them out. Check your answers.

Day 132*
xtramath
1. Learn a fact. $5 \times 5 = 25$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”
2. *Complete the worksheet. Check your answers.

Day 133*
xtramath
1. Learn a fact. $5 \times 6 = 30$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”
2. *Complete the worksheet. Check your answers.

Day 134*
xtramath
1. Learn a fact. $5 \times 7 = 35$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”
2. *Complete the worksheet. Check your answers.

Day 135*
1. Learn a fact. \(5 \times 8 = 40\). Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”

2. *Complete the subtraction worksheet. Check your answers.

3. Choose counting by 3.
   - Every time you jump that’s the answer to a multiplication problem. Three, one time, is three. Three, two times, is six, the next island you jump to.

Day 136*

1. Learn a fact. \(5 \times 9 = 45\). Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”

2. *Complete the worksheet for today. Check your answers.

3. Here is a map of US highways to use for the last part of your worksheet.

4. Choose counting by four.

Day 137*

1. Do the quick quiz. Whatever you got wrong, go find the right answer by clicking on the problem. If you didn’t get any wrong, go and get a high five and/or a hug.

2. *Complete the worksheet. Check your answers.

Day 138*

1. Learn a fact. \(6 \times 6 = 36\). Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”

2. Click Play. Go to the subtraction page. Click Next and again. Click on Skip until the top number has a zero in it. Make sure it is a problem where you need to borrow from the place where there is a zero. Do you remember what you did when there was a zero on top? If there is nothing there to borrow, you have to go to the next column and borrow. Try the problem out.

3. *Keep your skills sharp and complete the worksheet. Check your answers.

Day 139*

1. Learn a fact. \(6 \times 7 = 42\). Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”

2. *Complete the worksheet. Check your answers.

3. Count by 5s this time.

Day 140*

1. Learn a fact. \(6 \times 8 = 48\). Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”

2. *Subtract with zeros.
   - I’ll do the first one with you. Draw a box around the 50 and take one away to make it 49 if that helps your brain understand.

3. Check your answers.
Comparing Decimals/Fractions

Day 141
xtramath
1. Learn a fact. $6 \times 9 = 54$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”
2. Compare the money amounts. (Make sure flash is enabled)
3. Make the fractions and compare: $1/10$ and $1/100$, $3/10$ and $3/100$, $9/10$ and $9/100$. Which of the fractions are bigger? (Don’t use the arrows. Type in the denominators.)
4. Do you remember how fractions and decimals are related?

Day 142
xtramath
1. Do the quick quiz. Whatever you got wrong, go find the right answer by clicking on the problem. If you didn’t get any wrong, go and get a high five and/or a hug.
2. Compare the money amounts.
3. You know that $34/100 = 0.34$. That is 34 hundredths. There are two places (two numbers) after the decimal point, so when you change it into a fraction you put it over 1 with two zeros.
4. Match the fractions to the decimals.

Day 143
xtramath
1. Learn a fact. $7 \times 7 = 49$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”
2. Compare the money amounts.
3. How do you write $1/10$, one tenth, as a decimal? You write 0.1. There is only one place (one number) after the decimal point, so when you change it into a fraction you put it over 1 with only one zero.
4. Match the fractions and decimals.

Day 144
xtramath
1. Learn a fact. $7 \times 8 = 56$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”
2. Compare the money amounts.
3. Remember: one decimal place, one zero; two decimal places, two zeros. Like this:
   - .34 = $34/100$  34 hundredths
   - .5 = $5/10$  5 tenths
   - .68 = $68/100$  68 hundredths
   - .3 = $3/10$  3 tenths
4. Match the fractions and decimals.

Day 145
xtramath
1. Learn a fact. $7 \times 9 = 63$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”

2. Play with the **order of decimals**. Play rookie mode.

3. Remember how much bigger $1/10$, one tenth, was than $1/100$, one hundredth? Wouldn’t you rather have $1/10$, one tenth, of the pizza?

4. $5/10$, 5 tenths, was a lot bigger than $5/100$, 5 hundredths, too.

5. **Make fractions again**. Make $2/10$ and $2/100$. Which is bigger?

6. Make $3/10$ and $78/100$. Which is bigger? (answer: $78/100$ is bigger)

7. The hundredths fraction was bigger. Why? $78$ has 7 in the tens place (or the **tenths** place since it’s a decimal). 7 is bigger than 3.

8. When you compare fractions, you **FIRST** have to look at the **FIRST** decimal place, the **FIRST** number, the **tenths place**. Which ever number is bigger, that’s the bigger decimal.

9. **Compare decimals**.

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**Day 146**

xtramath

1. Do the *quick quiz*. Whatever you got wrong, go find the right answer by clicking on the problem. If you didn’t get any wrong, go and get a high five and/or a hug.

2. **Compare the decimals**. Choose level 2.

3. Add *double digits*. Choose addition. Leave all the choices as is except the last thing. It has 4 highlighted. Change both of those to two. The example problem will change from having four digits to just two digits, double digits.

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**Day 147**

xtramath

1. Learn a fact. $8 \times 8 = 64$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”

2. Match the **decimals and fractions**. Choose level 1.

3. Subtract *double digits*. Choose subtraction. Leave all the choices as is except the last thing. It has 4 highlighted. Change both of those to two. You have to change the bottom one first. The example problem will change from having four digits to just two digits, double digits.

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**Day 148**

xtramath

1. Learn a fact. $8 \times 9 = 72$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.”

2. Match the **decimals and fractions**. Choose level 2.

3. Make sure you **add** at least five. (Or you can add hundreds with this link. Choose addition. Leave all the choices as is except the last thing. It has 4 highlighted. Change both of those to three.)

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**Day 149**

xtramath

1. Learn a fact. $9 \times 9 = 81$. Do numbers 1, 3 and 4 along the top, “learn with pictures,” “understand the basics” and “play a game.” You know all the facts!

2. Do this **hundredths matching activity**.
3. Make sure you subtract at least five. (Or you can subtract hundreds with this link. Choose subtraction. Choose five problems and change the number of digits to three.)

**Day 150**

xtramath  It's time to start xtramath for multiplication and division. A parent can set it to multiplication if it's not there automatically. Hopefully you are prepared to finish multiplication quickly and then can move onto division.

1. Watch the place value song.
2. Then find the right place value pirate.
3. Make change. Click on medium and don't show change amount. Count onto the amount they spent or subtract to find the amount of change.

**Measurement**

**Day 151**

xtramath  
1. *Complete the multiplication worksheet. Check your answers.
2. Measure the line to the sixteenth. Each inch is divided into 16 sections. To find 9/16 you would count over 9 lines. To find 2 and 4/16 you would start at the two and count over four lines.

**Day 152**

xtramath  
1. *Complete the fact family worksheet. You are used to fact families from addition and subtraction. Multiplication and Division work the same way. Check your answers.
2. Measure the line in centimeters. Each centimeter is divided into ten little sections. (Each little line measures a millimeter.)

**Day 153**

xtramath  
1. *Answer the price questions. Check your answers.
2. (*)Print out a ruler if you need one. (Choose the first if you are in America. You probably want the second if you are NOT in America.)
3. (Here is another ruler option if you have trouble printing it.)
4. Measure ten things in your house in inches and centimeters. Record your measurement on the next worksheet. Use decimals when recording the lengths. A quarter inch is 0.25. A half inch is 0.50. Three-quarters of an inch is 0.75. Each millimeter line between centimeters is one tenth, 0.1. Two lines is two tenths, 0.2.

**Day 154**

xtramath  
1. *Use a die to complete the worksheet. Check your answers.
2. Play with this kilogram scale. Kilograms are how weight is measured in most of the world. A kilogram is 1000 grams. When I buy my vegetables, I buy them by the kilogram. A kilogram is about two pounds, not exactly, but as an estimate.
3. Click on all of the show me buttons to see the fraction and decimals of how grams compare to kilograms.
Day 155
xtramath
1. What time is it?
2. Math Vocabulary game
3. Weigh the little creatures and add their weights. (Stop when you get to the subtracting part.)
   - You will slide the lower bar over to the right one at a time until the scale tips past the middle line.
   - Then you need to move it back one.
   - Next use the top slider to move over little by little until you get it balanced on the middle line. It will automatically take the little creature off the scale once you get it right. If it looks right, but the creature didn’t move, then just adjust it a little bit more.
   - It will tell you how many grams it weighs. You type in the total and click submit. The first one you will add to zero. Next time you’ll be adding the first weight to the second weight.

Day 156*
xtramath
1. Weigh each creature like before. Continue on when to subtract the weights.
2. *Color the fractions. Check your answers.

Day 157*
xtramath
1. Make the weight shown by adding the creatures to the scale. This scale is in pounds. That’s the weight measurement used in America. It is divided into 16 parts, like an inch. The scale shows 8 lines between each pound, so 1/16 is halfway between two of the little lines. Give it a try. If you need to take a creature off of the scale, just click on it.
2. *Complete the worksheet. Check your answers.

Day 158*
xtramath
1. Each part of a pound is called an ounce. A new baby weighs about seven pounds. A slice of bread is about an ounce.
2. *Complete the worksheet. Check your answers.

Day 159*
xtramath
1. *There are two pages for Day 159 in the worksheet packet. Print them both out.
2. If you are not an American, then pour a liter box of drink into a measuring cup and see if it’s a liter. Measure other liquids in liters and milliliters.
3. If you are in America, look at the charts on the second “Day 159” page. Test them. Measure tablespoons of flour into a quarter cup. Measure from a gallon of drink. How many cups? Make lots of measurements.
4. *Complete the worksheet.
5. You can check your answers when you are done.
Day 160*
xtramath
1. Play with the liter and milliliter measure. Read the amount and then click on the l or ml to reveal the answer.
2. Click on show me to reveal the fraction and decimal relationship between liters and milliliters.
3. *Complete the worksheet. Check your answers.

Word Problems

Day 161
xtramath
1. Solve the word problems.

Day 162
xtramath
1. Solve the word problems.

Day 163
xtramath
1. Play all three levels of estimation golf.

Day 164
xtramath
1. Solve the word problems.

Day 165
xtramath
1. Solve the word problems. There is a trick in each problem. They give you more information than you need. Only use the information you need to find the answer.

Day 166
xtramath
1. Solve the word problems. There is a trick in each problem. They give you more information than you need. Only use the information you need to find the answer.

Day 167
xtramath
1. Solve the word problems.

Day 168
xtramath
1. Solve the word problems.

Day 169
xtramath
1. Solve the word problems.
Day 170
xtramath
1. Calculate the perimeter.
2. Find the equivalent fractions.
3. Create a symmetric pattern. Click on create a pattern.

Graphs

Day 171
xtramath
1. Place the shapes on the bar graph.

Day 172
xtramath
1. Answer questions about the bar graph.
2. Grab the bugs and place them on the graph by color.
3. Make a graph. Create a title, labels, and amounts.
4. You could take a screen shot and save this in your portfolio.

Day 173
xtramath
1. Do this lesson on the parts of a graph. You will also see a line graph and a circle graph.
2. Drag the right cold treat to the right part of the circle graph. The more orders there are for that treat, the bigger the color on the circle graph (or pie graph).

Day 174
xtramath
1. Do this lesson on the types of graphs. If the arrows aren’t working right, you can just scroll down the page to the next part.
2. Look at the circle graph. What does it show? Change the information and watch the graph change.

Day 175
xtramath
1. Watch this lesson on line graphs. Take a screen shot and print it out to include in your portfolio.
2. Try this practice.

Day 176
xtramath
1. Do this lesson on pictographs.

Day 177
xtramath
1. Figure out the cost of each type of candy. If there were two candies that cost ten cents, each would cost five cents.
Day 178
xtramath
   1. Play a multiplication game.

Day 179
xtramath
   1. Play a division game.

Day 180
xtramath
   1. Choose two activities from Math 3 for review.
Congratulations on finishing third level math!
Summer School
Finish all of your math facts at xtramath or use our facts practice workbooks. Play games to practice your facts.