Name:

Jenna lives at the point (17, -16). She wants to go to the closest mall. There are two malls on the map. Mall AA is at (8, -18), and Mall BB is at (3, -7). On the map she can only travel vertically or horizontally, one unit at a time. She cannot go diagonally. So she could go from (1,3) to (1,4) or (1,3) to (2,3), but not from (1,3) to (2,4). Which mall is closer to her?

Zeeka has invented a new space vehicle to go from his home planet of Zomba to his friend's planet of Oomba. It is a fun ride! It can fly at a speed of 780 mph. How far will it go in 20 minutes? Round your answer to the nearest mile.

Sketch 2 lines \overrightarrow{GH} and \overrightarrow{VW} that are intersecting.

| What kind of angle is this? | |
|-----------------------------|--|



Name: _

I am a number between 120 and 160. Two of my factors are 2 and 16. The sum of my digits is 11. What number am I?

I am the smallest whole number that rounds to 130 when rounding to the nearest ten.

| 13 ÷ 5 - | 7 + 3 + (5 x 7) + 1 | |
|----------|---------------------|----------------------|
| | | 24, 32, 40, 48, 56,, |
| | | 72, 80, 88, 96 |
| | | |

Name:

Megan worked for three days on her report on Francis Scott Key. On the first day she worked 23 minutes longer than she worked on the second day. On the second day she worked two hours 12 minutes. On the third day she worked 42 minutes less than she worked on the first day. How long did she work in all? Deep in the Earth's mantle near the core, the temperature is around 5000<img src="http://www.edhelperclipart.com/clipart/degrees If the temperature on the surface near your house is 30<img src="http://www.edhelperclipart.com/clipart/degrees today, the surface temperature is what fraction of the deep mantle's temperature?

Rosa and Pam have a secret way of sending numbers to each other. Rosa drew a y-axis on the left of the paper and an x-axis on the bottom. Rosa plotted these points and wrote L (for the left number). Pam then found the secret coordinate. Draw a small grid to see if you can figure out the secret coordinate.

The points are (9, 6), (5, 9), (12, 12), and (6, 23).

In art class, the teacher asked the class to draw a rectangle.

Mrs. Young is not just the art teacher but also the math teacher. She loves to talk numbers! She explained, "I don't want to give you the exact size, but the ratio of one of the sides of your rectangle to the side next to it should be 6 to 2. Each side of the shape must have a length that is a whole number of inches."

Amy wants to draw the biggest rectangle on her 15.5-inch by 22.5-inch piece of paper. What size should she draw the rectangle?

Name:

Anne got a summer job working on an app where people post pictures of their pets. This week they had 1,000,000 pictures posted. Of those pictures, 64% were dogs. How many pictures of dogs did they get this week?

| 32 <u>x 12</u> | Multiply 43 and 2. | Find the product of 333 and 7. |
|--|--|-----------------------------------|
| How many centimeters in 4.8 meters? | The perimeter of a rectangle is 16 cm. The longer side is 6 cm. How long is the shorter side? | What is 50% of 1,408? |
| Rosa rolls a die. What is the chance of her rolling a 6? | How many kilograms are in 4,000 kilograms |) grams? |

Name: _

Show the steps to solve $7(36 - 9 - 16) \times 13 \times 13 + 718 \div 2$.

Step 1. Parentheses

Step 2. Exponents

Step 3. Multiplication & Division (or Division & Multiplication!)

Step 4. Addition & Subtraction (or Subtraction & Division!)



MathWorksheets.com Week of April 1

Name: _____

| 730 <u>-320</u> | You have an additic and 4. Ma | four digits to use in on problem: 1, 5, 6, ake up a problem | 12 ÷ 6 = | 20 ÷ 5 = |
|--------------------|-------------------------------------|---|-----------------------|----------|
| | numbers. | What is the largest can make? | 54 ÷ 6 = | |
| | | | | |
| | | | | |
| | | | | |
| | | Can 782 be evenly c | livided by 4? Circle: | цц |
| 26 kg = | g | 782 is NOT evenly div | visible by 4 | + 4 1 |
| | | 782 is eveniy divisible | ру ч | |
| | | | | |
| 42÷0 = | | | | |
| | | | | |
| 81÷9 = | | | | |
| | | | | |
| | Write 750 | ,931 in words. | | |
| | | | | |
| + 3 5 2 | | | | |
| | | | | |
| | | | | |
| I he product of t | wo ble numbers | is to 7 | 2 11 | 80 |
| 72. What are the | e two | 12 x / = | 3 x II = | <u> </u> |
| consecutive who | ble numbers | ? | | |
| | | | | |
| | | | | |
| | | | | |
| 1 | | | | |

| Name: | | | | | |
|--|--|------------------------------|-------------------|--------------------|-----|
| Kevin has four nickels, two quarters, one penny. He also has one other of that is different from the rest of his of How much could he have? | and coin coins | 9÷3= | | | |
| 36 ÷ 3 = A bike origin marked dow the sale pric | nally priced n by 20%. e? | d at \$80 is What is | 54 ÷ 9 7 x 7 = |) = | |
| Ava and Wendy are playing a number Ava says 3. Wendy replies that the Ava says 1. Wendy replies that the Ava says 4. Wendy replies that the Ava says 18. Wendy replies that the Ava says 9. Wendy is thinking. Who Wendy reply with? | ber game. answer is 1 answer is 7 answer is 2 answer is at number | 19. 25. 109. should | 6 x 4 = | | |
| 338 - 226 = | In t place | he number 2 ce? | 44,177, the | e digit 1 is in wh | nat |
| | | | | | |
| 876 + 754 = | 96 - | ÷8 = | 36 ÷ | 9 = | |

| Name: | | | | |
|---|-------------|--|----------------------------|---|
| Anne told Rose that she multiplied two consecutive whole numbers and the answer is 45. Rose doesn't believe that is possible. She thinks Rose must have multiplied wrong. Who is correct? | | Circle the smalle 901,584,732,687 328,605 Fill in the missing this equation: | est nu 2' 4' opei | umber: 95,034,611 7,918,365 rations to complete |
| | | 48 12 | _ 14 = | = 18 |
| Which is the better buy? Five bags of candy for \$40 or nine bags of candy for \$18? | 12 : 3 x | x 12 = x 8 = | Fc th th | or 315,440,661, write the digit at is in the hundred ousands place. |
| You are given five cards. One card has the number 1 on it, another card has a 2, another card has a 3, another card has a 4, and the last card has the number 5 on it. Use two cards to make a fraction. What is the smallest fraction that you can make? | х Э | 16 ÷ 2 = | | 2 x 9 = 4 x 5 = |











Calculate the volume of each shape that was made from cube blocks. The volume of one block is 1 cubic inch.



Name: Erin is 4 feet. 7 inches tall. Who traveled the shortest distance? Eric is 147.32 centimeters tall. Rose rode her bike for 40 minutes at Who is taller? an average speed of 18 miles per hour. Peter walked at an average speed of 2.6 miles per hour for 3 hours and 10 minutes. Megan took her electric scooter to the mall. It took her 17 minutes to get to the mall, and her average speed was 14 miles per hour. Hint: 1 inch = 2.54 centimeters Amy's Donuts are the best. They cost Maria and Jenna are playing games on their phones. Who spent the least \$0.50 per donut, or you can buy a dozen and get \$1.80 off. amount of money? Only 5 blocks away, they have Anna's Donuts, and they are just as good. Maria bought an avatar for 155 The donuts cost^{\$1} each at Anna's FunBucks. She also bought some Donuts, or you can buy a dozen and stickers for 16 FunBucks. aet \$2.10 off. You need to buy 15 donuts for a party. Jenna bought a badge for her avatar Which store would cost the least? for 12 PlayBucks. 1 US Dollar = 30 FunBucks 1 US Dollar = 2.6 PlayBucks

| Name: | | | | | | I. I. I. | |
|----------------------------|---------------------------|----------------------------|--------------------------|------------------------|------------------|-------------------------|--|
| \$0.19 -\$0.11 | \$0.14 <u>+\$0.76</u> | \$0.34 <u>+\$0.76</u> | \$0.77 <u>-\$0.54</u> | \$0.8 <u>-\$0.1</u> | 33 <u>8</u> + | \$0.64 <u>\$0.98</u> | |
| \$15.74 <u>+\$15.37</u> | \$8.95 <u>+\$14.60</u> | \$39.40 <u>-\$30.53</u> | \$17 +\$23 | .50 . <u>48</u> - | \$32.9 \$30.5 | 97 50 | |
| \$36.40 -\$28.26 | \$10.25 <u>+\$1.09</u> | \$36.51 <u>-\$30.75</u> | \$24 - \$23 | . 77 <u>. 89</u> + | \$29.3 \$20.8 | 35 30 | |
| \$7.01 + | • \$7.21 = | | | \$20.83 - \$ | \$19.50 = | | |
| \$34.63 + \$ | 28.70 = | | | \$25.61 - | \$21.83 = | | |
| \$9.00 + | \$5.50 = | | | \$13.54 - \$ | \$13.38 = | | |
| \$10.83 - | \$6.61 = | | | \$16.84 + | \$12.10 = | | |
| \$22.62 + \$ | \$16.37 = | | | \$14.11 - | \$5.90 = | | |
| 0.4 (0.6 (0.4 + | + 7)) = | 50 - [-29 = | | 10 + | 9 x 6 + 5 | | |

word root de can mean down or not deceleration, deduct, deposition

Name: _____

| | x | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|----------------------------------|---|---|---|---|----|----|---|-------|---|---|---------------|----|----|--|
| | 6 | | | | | | | 42 | | | | | | |
| | 5 | | | | | | | | | | 50 | | | |
| | 8 | | | | 32 | | | | | | | | | |
| | 4 | | | | | 20 | | | | | | | | |
| | 3 | | 6 | | | | | | | | | | | |
| | 2 | 2 | | | | | | | | | | | | |
| | 9 | | | | | | | | | | | 99 | | |
| Je W w fir | Jenna is going to roll two dice. What is the chance that her total will be either 4 or higher on her first roll? | | | | | | er: | 7 x 8 | = | |] | | | |
| 075 771 - | | | | | | | | | | | | | | |
| 875 - 774 = 40 ÷ 8 = 72 ÷ 9 = | | | | | | | Write this as a number in standard form. Use a comma in your number. seven hundred seven thousand, forty-nine | | | | rm. ⁄-nine | | | |

| Name: | | | the of the first o |
|--|--|--|--|
| The students in Ms. Gar party on the last day o ordered one-fifth of a student. If each pizza is and there are eighteer how many pizzas did st | rcia's class had a pizza f school. Ms. Garcia pizza pie for each s cut into ten slices n students in her class, ne order? | Of the 27 students in like popcorn. Of tho of them like extra bu students like extra bu | Mr. Anderson's class, $\frac{1}{3}$ se that like popcorn, $\frac{1}{2}$ itter and salt. How many tter and salt? |
| In examining a series of sediment layers in a canyon near the new BigTown geodesic dome, Jacob has been studying many layers of shale. He recently mapped all 12 of them. If half of the layers are more than 300 million years old, how many layers are younger than 300 million years? | | If a rubber band car circular shape that h How many 1.2 mm dia could fit within it? (1 in | n be stretched to a as a radius of 2.3 inches. ameter toothpicks of nch = 25.4 mm) |
| 9 x 11 = | Write the missing famil 96 + 69 = 165 165 - 96 = 69 69 + 96 = 165 | y fact. | 2 x 11 = |
| | | |] |

Name: _____

Write each product in the simplest form.

$$\begin{bmatrix} \frac{1}{10} \times \frac{1}{3} \\ \frac{1}{11} \times \frac{1}{6} \\ \hline \\ \frac{5}{3} \times \frac{7}{10} \\ \hline \\ \frac{5}{6} \times \frac{5}{7} \\ \hline \\ \frac{6}{4} \times \frac{1}{5} \\ \hline \\ \frac{18}{5} \times \frac{2}{3} \\ \hline \\ \frac{18}{5} \times \frac{2}{3} \\ \hline \\ \frac{18}{5} \times \frac{2}{3} \\ \hline \\ \frac{9}{7} \times \frac{43}{14} \\ \hline \\ \frac{9}{7} \times \frac{43}{14} \\ \hline \\ \end{array}$$

Rosa lives at the point (4, -9). She wants to go to the closest mall. There are two malls on the map. Mall AA is at (11, -17), and Mall BB is at (12, -15). On the map she can only travel vertically or horizontally, one unit at a time. She cannot go diagonally. So she could go from (1,3) to (1,4) or (1,3) to (2,3), but not from (1,3) to (2,4). Which mall is closer to her?

At the mud factory, Purple's job is to scoop up mud and make it into kilogram blocks of mud. She loves her job! Today there were 3,548 milligrams of mud trucked in. Each mud block is precisely 1 kilogram, no less, no more. How many mud blocks can she make today?

MathWorksheets.com Week of April 1

Name: _____

| In each gro 36 | up, use 4 of 16 | the number 43 | rs to make a p 54 | proportion. 34 | 24 | |
|-------------------|--------------------|------------------|----------------------|-------------------|----|--|
| 39 | 12 | 32 | 104 | 19 | 45 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Express $\frac{4}{6}$ as a repeating decimal.

R

S

_

MathWorksheets.com Week of April 1



Name: _____

| Andrew, Samantha, Anna, and Za Monday they started watching a p.m. Their mother kept track of th On Monday the times they stopp 10:25 p.m. On Tuesday the times they stopp 7:50 p.m. | achary watched television on Monday and Tuesc t 8:00 p.m. and on Tuesday they started watching he time they each stopped watching. bed watching TV were 8:55 p.m., 10:15 p.m., 9:30 p. bed watching TV were 7:40 p.m., 7:20 p.m., 7:00 p. | lay. On 3 at 6:00 m., and m., and | | | | | |
|--|---|--|--|--|--|--|--|
| 1. The person that watched tw who watched one hour of T | The person that watched two and one-fourth hours of TV on Monday was not the one who watched one hour of TV on Tuesday. | | | | | | |
| 2. Zachary watched TV for sev | ven-twelfths of an hour longer on Monday than c | n Tuesday. | | | | | |
| 3. Samantha watched less TV a watching TV on Monday as | on Monday. Samantha only spent 11/20 as much tir she did on Tuesday. | ne | | | | | |
| 4. Anna watched TV for one h | our on Tuesday. | | | | | | |
| Andrew stopped watching TV at | on Monday and | on Tuesday. | | | | | |
| Samantha stopped watching TV | at on Monday and | on Tuesday. | | | | | |
| Anna stopped watching TV at _ | on Monday and | on Tuesday. | | | | | |
| Zachary stopped watching TV at | on Monday and | on Tuesday. | | | | | |
| | | | | | | | |
| Three girls ran a race. Jenna ran past Megan in the race and Megan never caught up. Anna was not as fast as Jenna. Who won the race? Do you have enough information to know? | 77,545 - 26,843 = 33 ÷ 11 = | | | | | | |





