Name: $\qquad$
Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.


Did you find a path? Write the equation.

$$
\begin{aligned}
& 8+\ldots+\ldots+\_^{+}+\ldots+\ldots \\
& { }^{+}+\ldots
\end{aligned}
$$

Name:


$$
384 \div \ldots=6
$$

$$
\ldots \div 2=42
$$

$$
96 \div \_=24
$$

$$
\ldots \div 6=79
$$

$$
\begin{array}{lll}
\ldots & 5 & =16
\end{array} 594 \div \_=66
$$



$$
\begin{array}{lll}
18 \div 3= & 30 \div 3= & 96 \div 12= \\
24 \div 6= & 45 \div 5= & 36 \div 6= \\
14 \div 7= & 90 \div 9= & 22 \div 2= \\
32 \div 8= & 12 \div 3= & 20 \div 2=
\end{array}
$$

Rose wanted to make lasagna. She had a recipe that made enough for 3 people. The recipe used 12 lasagna noodles. If Rose wants to make lasagna for 9 people, how many noodles will she need?

Anne wants to make carrot cake. Her recipe calls for $1 \frac{3}{4}$ cup of grated carrots. She has grated $\frac{1}{3}$ cup. How much more carrot does she have to grate?

In a game, Emily and Hannah each have their own territory and currency. When you visit Emily, you will use whatters. On the other hand, if you visit Hannah, you will use clingdones. The value of one whatter is equal to 5.3 clingdones. Hannah wants to visit Emily. She has 46 clingdones, so she exchanges half of her clingdones for whatters. The exchange place rounds to the nearest tenth on exchanges. How much in whatters and clingdones does Hannah currently have?

Sally bought a kit to make fidgets. The box says that you can make up to 25 fidgets, so that would be the most she could make. Sally tried to make one. It took her 31 seconds to make. How many fidgets can she make in an hour? Assume she takes a 12 -second break after making each fidget.

Name:


Estimate quickly the difference.
4,490-1,130
$(34,588,806),(4,941,258)$,
____ $(100,842)$, $(14,406)$,
$(2,058), \quad(294), \quad(42)$

How many centimeters in 820.4 meters?

Name: $\qquad$

Chef Hernandez ordered 20 boxes of frozen chicken. Each box was 18 inches $\times 25$ inches. There were 12 boxes in each crate. If each piece of chicken takes up approximately 10 square inches, approximately how many pieces of chicken did Chef Hernandez order?

Mr. White is a long-distance truck driver. He has to make a trip to Rapid City and back. If he drives 448 miles per day, it will take him 9 days to drive to make the round trip. How far away is Rapid City?

In the 1930's F. Scott Fitzgerald spent time as a screenwriter. In 1937 he earned $\$ 1,188$ per week. How much did he earn in a year?
$\qquad$


$$
4 \times 8=\quad 4 \times 7=\quad 6 \times 7=
$$

$6 \times 9=$
$5 \times 4=$
$5 \times 9=$
$2 \times 3=$
$7 \times 2=$
$3 \times 7=$
$3 \times 9=$
$5 \times 7=$
$3 \times 8=$

$3 x \ldots=36$
$\ldots x 4=36$
$\ldots x 7=77$
$7 x \ldots=70$
$8 x_{\ldots}=80$
$\ldots x 3=15$
$2 x^{\prime}=12$
$\ldots x 8=80$
$12 x \ldots=60$
$\ldots \times 11=44$
$\ldots x 8=96$
$11 x \ldots=22$


Name:


It was 9 degrees below zero in the morning. By afternoon the temperature rose 27 degrees. How warm was it?
Draw a number line
with $0, \frac{1}{2}$, and 1 . Show
where $\frac{5}{11}$ would go. Is
$\frac{5}{11}$ closer to $0, \frac{1}{2}$, or 1?

A rectangle is 26 cm on one side and 11 cm on another side. What is the perimeter?

$$
7 \frac{1}{3}+2 \frac{1}{3}
$$

It was 5 degrees above zero in the morning. By afternoon the temperature rose 16 degrees. How warm was it?

What is the area of a rectangle with sides 5 cm and 8 cm ?

How many meters are there in 79 kilometers?

The radius of a circle is 463 cm . What is the diameter of this circle?

How much money is 1 quarter, 6 dimes, 1 nickel, and 1 penny?

Pick the family fact that is missing.
$17 \times 8=136$
$136 \div 17=8$
$136 \div 8=17$

Name:

$36 \div 4=$
$6 \div 2=$
$36 \div 9=$
$20 \div 5=$
$27 \div 9=$
$28 \div 4=$
$10 \div 2=$
$16 \div 4=$
$36 \div 6=$
$56 \div 8=$
$27 \div 3=$
$48 \div 8=$


Name:


$12+6-4$
What is the least common multiple of 4 and 2?

11, 22, 33, 44, 55, 66,
$\qquad$ , 88, 99

What 3 coins add up to 15 cents?

66, $\qquad$ . 90, 102, 114, 126, 138

Know how many inches in a foot? Okay, smarty pants, how many inches in 3 feet?
$34-x=28$

The perimeter of a rectangle is 20 cm . The longer side is 6 cm . How long is the shorter side?

Round 94,366 to the nearest hundred.

Round 7,406 to the nearest thousand.

Jack works at the supermarket in Maggie Valley. One of his jobs is to gather up the shopping carts from the parking lot and return them to the supermarket. He goes out to gather carts three times each day. On Monday he gathered up 19 carts, 17 carts, and 33 carts. On Tuesday he gathered up 25 carts, 26 carts, and 39 carts. How many more carts did he gather up on Tuesday than he did on Monday?

Nathan took an umbrella with him. It was 47 degrees outside. The weatherman said it might rain. It got much colder. The temperature dropped 20 degrees, and it started to snow. Nathan did not need his umbrella after all. What was the temperature when it started to snow?
$3+9+12 \times 12$

Anne took the leaf lizards out of the collection bags and put them in 5 separate containers for study. There were 105 lizards in the bags. If they were divided equally among the containers, how many lizards were put in each container?
$72 \div 6=$

Anna was bored. She asked her mother if she could make cookies. Her mother agreed, so Anna got busy. She made 3 dozen oatmeal cookies and 23 chocolate chip cookies. How many cookies did she make in all?

In the parking lot there are 11 vehicles. There are 3
SUVs. What fraction of the vehicles are not SUVs?

Frank's Fish Shack sold an estimated one million, two hundred forty-one thousand, three hundred sixteen worms over the past five years. Write in standard form the number of worms sold.

Name:

Megan used 1.4 tubes of toothpaste each month. How many tubes will she use in a year? Write your answer as a mixed number.

Nathan and his friends are planning a trip to the World
Eskimo-Indian
Olympics in Fairbanks, Alaska. It is 3,442 miles from their town to
Fairbanks. If they drive 420 miles each day, how long will it take them to get to Fairbanks?
$20 \div 5=$

The Midtown Thrift Shop had total sales of \$424.15. Of that amount, $\$ 263.37$ was for clothing. How much of the total sales was not for clothing?
$\square$

Choose the word that best completes the sentence.
I would love to go to the Acme Chemistry Fair, (to/too).

Alex spent $1 \frac{1}{2}$ hours cleaning his room on Monday, $1 \frac{1}{3}$ hours on Tuesday, and $\frac{1}{3}$ hours on Wednesday. Finally, it was finished! How many hours did it take him to clean his room?

How many total legs are on 3 tigers and 2 chickens?

Queen Victoria lived 82 years after a reign of 60 years. Write the fraction of her life she spent as Queen of England as a fraction in simplest form.

Name:

Mrs. Lee bought a CD with 16 old radio programs on it. She listened to 7 of the programs. She paid $\$ 15.88$ for the CD. She gave the clerk a $\$ 20$ bill. What fraction of the programs did she not listen to?

Mr. Hall works for a company that makes all kinds of pretzels. He works 40 hours each week. If he gets paid $\$ 11.25$ per hour, how much will he be paid for working for 6 weeks?

Gavin knows that his teacher loves birds. He is building a birdhouse for her for Teacher Appreciation Week. He started working on the birdhouse at 2:34 p.m. Saturday afternoon. He worked until it was all finished at 4:09 p.m. that evening. How long did Gavin work on the birdhouse?

| How many feet are in 108 inches?$\qquad$ feet |  | Can 713 be evenly divided by 7? Circle: 713 is NOT evenly divisible by 7 713 is evenly divisible by 7 |
| :---: | :---: | :---: |
| $\begin{aligned} & 1 \mathrm{~kg}=1,000 \mathrm{~g} \\ & 8 \mathrm{~kg}= \end{aligned}$ | $\begin{array}{r} 25 \\ +27 \\ \hline \end{array}$ |  |

The circus is in town! Tickets are only $\$ 6$ for kids. Adults need to pay double the price of kids tickets. Rosa is bringing four of her friends in her class. Her mom is also coming. Rosa wants to pay for everyone. How much will she need to pay?
$\left.12 \times 3=\quad \begin{array}{r}220 \\ +443\end{array}\right]$

Name:


Name:

| Write the $\begin{aligned} & 116-22= \\ & 94+22= \\ & 116-94= \end{aligned}$ | mily fact. | Rose wants to call Emma. Emma is on vacation in Asia. It is a time difference of fourteen hours. Emma's time is always later than Rose's time. If it is 9:54 P.M. where Rose lives, then what time is it where Emma is? |
| :---: | :---: | :---: |
| Can 606 606 is ev 606 is | divided by 6? Circle: by 6 visible by 6 | How many digits are in ten times ten? |
| Circle the $39.465$ | hundredths place. |  |
| Anne wa number. has two and 9. A number April has | guess a two digit ril that her number gits. The digits are 1 She then guesses the e the chances that rrectly? | Circle the greatest number: $\begin{gathered} 23,509,147 \\ 524,731 \\ 8,689 \\ 60,064 \end{gathered}$ |
| $36 \div 9=$ | Circle the word that is a word amateur. professional, beginn | onym for the expert |

Name: $\qquad$

```
\(9 \cdot 2 \cdot 5 \cdot 1 \bullet=\bullet 6 \bullet 2 \bullet \div \bullet=\bullet 2 \bullet 8 \bullet=\bullet 1 \bullet 4 \bullet 8 \bullet 4 \bullet 5\)
\(6 \cdot 8 \cdot 3\)
```

Use the pieces above to help you fill in the runaway math puzzle.


Amanda has two favorite numbers. If you add her favorite numbers, you get 28. If you multiply her favorite numbers, you get 171. What are her mystery numbers?

Can 554 be evenly divided by 3? Circle:
554 is NOT evenly divisible by 3
554 is evenly divisible by 3

Circle the addition property for $73+159=159+73$.
associative property commutative property

In each pair, circle the word that is spelled correctly.
freight, frate
slate, slaite
chute, shute

Name:
$16+\frac{1}{2}+\frac{2}{3}=$

Reduce $\frac{2}{4}$ to its lowest terms.

Find the least common denominator.
$\frac{1}{6}$ and $\frac{1}{3}$

$$
5+\frac{1}{6}-\frac{1}{2}=
$$

$$
-\frac{2}{7}
$$

$6 \longdiv { 4 7 . 4 }$

Name: $\qquad$
Can you draw lines to cover every number or shape in the picture?
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot! The first one is already done for you. Good luck.

Draw exactly 8 lines.
Start on 1.
Do not pick up your pencil.


Draw exactly 7 lines.
Start on 1.
Do not pick up your pencil.


Draw exactly 9 lines.
Start on the square.
Do not pick up your pencil.


Draw exactly 7 lines.
Start on the square.
Do not pick up your pencil.


Draw exactly 8 lines.
Start on the square.
Do not pick up your pencil.


Name: $\qquad$
Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.


Did you find a path? Write the equation.
 39

$8+\underline{9}+\underline{6}+8+\ldots+$

$$
\varlimsup^{+}+\_^{+}+\ldots=75
$$

Name: $\qquad$
Find the way from START to END by passing through EVERY number that is a multiple of fourteen exactly ONCE. Cross off each box that is NOT a multiple of fourteen. Yes, that means you have to go through ALL the multiple of fourteen boxes. Wow!
You are not allowed to go diagonally. Good luck!

| StaRt | 265 | 784 | 336 | 98 | 574 | 28 | 785 | 756 | 700 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 700 | 350 | 840 | 126 | 42 | 294 | 112 | 476 | 126 | 364 |
| 720 | 42 | 574 | 462 | 941 | 70 | 378 | 742 | 168 | 238 |
| 602 | 896 | 300 | 351 | 845 | 868 | 952 | 56 | 588 | 392 |
| 504 | 686 | 518 | 712 | 336 | 966 | 756 | 700 | 728 | 532 |
| 868 | 966 | 98 | 393 | 266 | 0 | 392 | 532 | 854 | 547 |
| 101 | 793 | 322 | 137 | 603 | 350 | 588 | 518 | 784 | 392 |
| 924 | 630 | 294 | 79 | 248 | 714 | 987 | 759 | 172 | 770 |
| 910 | 994 | 262 | 386 | 182 | 700 | 60 | 766 | 527 | 756 |
| 853 | 728 | 140 | 882 | 518 | 412 | 816 | 30 | 735 | END |

Name: $\qquad$
Complete each pattern, using the same rule. Write what the rule is.
$2,4,10,20,26,52,58$, $\qquad$
$6,12,18,36,42,84$, $\qquad$
$\qquad$ $\longrightarrow$, $\qquad$
$\qquad$
$\square$ 9, $\qquad$
$\qquad$
$\qquad$
$\qquad$ 114

Complete each pattern. Write what the rule is.

| 5 | 11 | 17 | 23 | 29 |
| :--- | :--- | :--- | :--- | :--- |
| 2 | 15 | 28 | 41 |  |
| 1 | 11 | 21 | 31 |  |
| 7 | 21 |  |  | 63 |




