Name:

Pick up all of the robots from the game board. Start on the $\mathbf{B}$ circle. Do not pick up your pencil. Draw a line going left, right, up, or down. Every line must end on a robot or the E circle. No stopping on an empty box. Try to collect all the robots and finish your last line on the $\mathbf{E}$ circle. You can go through a robot more than once.


Didn't get them all? That's ok. This was hard.
$\qquad$ circle(s).

Name: $\qquad$
The block below is the sum of the two blocks above. Fill in the missing blocks.


Name:
Find the missing numbers. These both have the same rule. What is the rule?

If
$1,1=1$
$8,8=64$
$2,2=4$
$9,9=81$
3, $3=9$
$10,10=100$
$4,4=16$
$11,11=121$

Then
$10,10=$ ?
Then
$17,17=$ ?

Hint: The answer is NOT 25.

Complete each pattern. Write what the rule is.

$$
\begin{aligned}
& \frac{4}{5}, 1,1 \frac{1}{5}, 1 \frac{2}{5}, 1 \frac{3}{5}, 1 \frac{4}{5}, 2,2 \frac{1}{5}, \\
& 2 \frac{2}{5}, \quad, 2 \frac{4}{5}, 3,3 \frac{1}{5}, 3 \frac{2}{5}, 3 \frac{3}{5}, 3 \frac{4}{5}
\end{aligned}
$$

$$
\frac{4}{5}, 1,1 \frac{1}{5}, 1 \frac{2}{5}, 1 \frac{3}{5}, 1 \frac{4}{5}, 2, \ldots
$$

$$
, \quad, \quad, 3,3 \frac{1}{5}, 3 \frac{2}{5}, 3 \frac{3}{5}, 3 \frac{4}{5}
$$

Add $\frac{1}{5}$

Name:

| Emma used masking tape to | Jack has an <br> appointment with his <br> doctor at 1:00 p.m. He <br> has to get a physical so <br> game area. She used 3 <br> he can play football. It is <br> 11:16 a.m. now and it will <br> rectangle him to make the minutes to <br> get to the doctor's <br> office. How long can he <br> phape of an "H." 2 of the <br> before he has to leave <br> to get to the <br> appointment on time? | The poinsettia is <br> Amanda's favorite <br> holiday plant. She <br> bought three pots of <br> poinsettias at \$8.92 each <br> to decorate her house. <br> How much did she pay <br> in all for the poinsettias? |
| :--- | :--- | :--- |
| and 2.5 feet wide. The other <br> rectangle's area was $\frac{1}{4}$ <br> the area of one of the <br> larger tables. If the length <br> of the smaller table is also 5 <br> feet, what is its width? |  |  |



Name:
If you multiply $588 \times 313$, you will have a number that is how much bigger than $196 \times 313$ ?

It will be three times as big.
It will be twice as big.
It will be eight times as big.
It will be seven times as big.
It will be six times as big.
$10 \mathrm{~km}=$ $\qquad$ m
$\qquad$

Emily is making up her own calendar. The first month of her weird calendar is called Maffy. To make matters worse, she is giving Maffy a total of nineteen days. What is the least number of Mondays that can occur during Maffy? Show the month of Maffy.
$10 \times 9=$

$35 \div 5=$

Circle the digit in the hundredths place.
746.649

In each pair, circle the word that is spelled correctly.
grumbel, grumble challenger, challengre
plumber, plumer

Which is the largest?
$29.3 \div 8.7 \quad 29.3 \div 8.6 \quad 29.3 \div 8.5$

How many feet are in 6 yards?
$\qquad$

In each group, circle the word that is spelled correctly.
partner, partener
teechable, teachable cloathe, clothe

Name: $\qquad$
Can 294 be evenly divided by 3 ? Circle: 294 is evenly divisible by 3 294 is NOT evenly divisible by 3

Sarah multiplied two one-digit numbers and then added 112 . The result was 122. Anna does not believe her and thinks Sarah made a mistake. Who is correct?

Justin invented a robotic bug. The bug can crawl four centimeters in twenty-one seconds. How long would it take the bug to crawl twenty-three centimeters?
$(6+7)+3=$
In the number 252,594,129, the digit 1 is in what place?

Can 970 be evenly divided by 4 ? Circle:
970 is evenly divisible by 4 970 is NOT evenly divisible by 4

Write a letter that has a line of symmetry.

Mary was given five numbers: 8, 14, 9, 13, and 7. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than four-fifths?

In each row, cross out the word that is not a preposition.
at, for, please
street, of, on
out, doctor, over

Name: $\qquad$

$$
3 \cdot 0 \cdot 1 \cdot=\bullet 2 \cdot 1 \cdot x \cdot 2 \cdot 8 \bullet=\bullet 8 \cdot 1 \cdot 6 \bullet=\bullet 9
$$

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


Wendy wrote down a fraction on a piece of paper. If you take her fraction and multiply it by three you get eight. Can you guess what her fraction is?

| whater fractionis? | In each pair, circ spelled correctly. hachet, hatche importent, imp insect, insekt |
| :---: | :---: |
| Circle the smallest number:$\begin{gathered} 73,214 \\ 397,926,135 \\ 5,086,241 \\ 5,698 \end{gathered}$ | $12 \times 10=$ |
|  |  |


| Circle the smallest number: $\begin{gathered} 73,214 \\ 397,926,135 \end{gathered}$ | $12 \times 10=$ | In each row, circle the preposition. about, bow, abut four, for, fore into, inn. I'm |
| :---: | :---: | :---: |
|  |  | Circle the correctly spelled words. sollid, wounded, sivil, divide |


| 790,515 | $6,381,925,070$ |
| :--- | :--- |
| 68,423 | $89,264,307,174$ |

In each pair, circle the word that is spelled correctly.
hachet, hatchet importent, important insect, insekt
$\qquad$

## ACROSS

1. the tens in 12-Across + the ones in 13-Across + the ten thousands in 9-Down
2. the ten thousands in 14-Across + the tens in 9-Down + the ones in 4-Down
3. $7+14$
4. $3+19$
5. the tens in 13-Across + the ones in 4-Down + the ten thousands in 3-Down

## DOWN

2. the tens in 1-Across + the ten thousands in 14 -Across + the ones in 4-Down
3. the ones in 13-Across + the tens in 12-Across + the ten thousands in 10-Down
4. the ten thousands in 10-Down + the tens in 3-Down + the ones in 13-Across
5. the ten thousands in 14-Across + the tens in 3-Down + the ones in 1-Across
6. the tens in 13-Across + the ones in 4-Down + the ten thousands in 5-Down
7. seven million six hundred seventy-six thousand six hundred twenty-five
8. the ten thousands in 14-Across + the tens in 3-Down + the ones in 13-Across
9. ninety-one thousand one hundred thirty-five
10. the ones in 3-Down + the tens in 10-Down + the ten thousands in 1-Across


Amanda created a game where players collect stars and can trade in stars for gold coins at the shop.
Complete the table by filling in the 2 missing numbers.

| Stars | 8 | 16 |  | 32 | 40 |  | 56 | 64 | 72 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gold Coins | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

The store only sells whole gold coins.
If you have 42 stars, then what is the highest number of gold coins that you could get? $\qquad$

The game will end when you get 19 gold coins.
How many stars will you need to collect before you will win? $\qquad$

Amanda checked her program. It uses this equation: Stars $=$ Gold x 8
She decided to change the program to use this equation: Stars $=$ Gold $\times 9$

Fill in this chart to show what the table will look like after she makes this change.

| Stars |  |  |  |  |  |  |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Gold Coins |  |  |  |  |  |  |  |  |  |

On the planet Zinkee they use Quinkoos to pay for everything.
Complete the table by filling in the 2 missing numbers.

| U.S. Dollars | $\$ 42$ |  | $\$ 126$ | $\$ 168$ |  | $\$ 252$ | $\$ 294$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Quinkoos | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

Write an equation showing the relationship between U.S. Dollars and Quinkoos.

When you arrived in Zinkee, you were given 8 Quinkoos. You spent 5 Quinkoos and exchanged what you had left for U.S. Dollars. How much money in U.S. Dollars were you given?

Draw a picture of what you think 1 Quinkoo could look like.

Name:
What is the least common
multiple of 14 and 12 ?

What is the least common multiple of 12 and 3 ?
$y-14=1$
What is the greatest common factor of 12, 32, and 36 ?

$$
\ldots+10=24
$$

What is the missing number?
$x+17=23$
What is the value of $x$ ?

Name:


Find the difference between 549 and 89.

Find the sum of 17,14 , and 46.
$5+2+4+4=$

Multiply 2988 and 2.
$6 \longdiv { 5 8 2 }$

Divide and write remainder.

Change $\frac{18}{20}$ to a decimal.

Change $\frac{1}{2}$ to a decimal.

Name: $\qquad$


Equations and Hints:
Each letter is a whole number.
Fill in the equations using the chart:

$$
A+B+C=48 \quad C+\ldots+B=63 \quad L^{+}+\ldots+\ldots=51
$$

$$
Z_{+}^{+}+\ldots=33 Z^{+}{ }^{+}+=60
$$

Additional hints:

$$
B=A+3 \quad A<19
$$

Show Work:

Name: $\qquad$
Use each of the blocks to spell five different words.
Hint: The word help is a word in the blocks.

| E ${ }^{\text {N }}$ | A ${ }^{\text {L }}$ | C ${ }^{\text {A }}$ A | E A | R R N | R | S |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |



| 1. | $H$ | $E$ | $L$ | $P$ | 2. |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: |
| 3. | $M$ | $I$ | $N$ | $O$ |  |  |  |  |  |  |  |  |
| 4. | $O$ | $X$ |  |  |  | 5. |  |  | $N$ |  |  |  |

Draw one line to find two words in each puzzle. The bold letters start each word.
You can move left, right, up, or down. Write the two words that you find.

| QWWJ XUIQ | R Q P V A H I | ELOJACEU |
| :---: | :---: | :---: |
| MOWXATOG | K XOOCLDY | OTS GNYAW |
| B OHIL T B Z | JOUNSEST | K M UGI S A W |
| K O B J Y Y I K | AQEVPREA | S Z ARDCOU |
| PMAEOHIU | B UGHTZNW | Z A A UKNO |
| E U J G T R S | ROBEZOCE | B S NJFNUG |
| WACQDNOS | GIEOUAQI | Z A I UGIE |
| B AWILNUH | H Z I U CAB B | GGFURNGU |

Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.




