Name: _____

Robert and Nathan are BFFs, so of course, they were fighting over a game of shuffleboard.
"I win!" yelled Robert.
"No, clearly, I win. I have 2 pucks on 10 off, 1 puck on 8, and 1 puck on 7."
How many points does Robert have?

"I'm not sure why you are fighting," interrupts Sally. "Nathan doesn't even have any pucks on the board. He has three pucks off the board, and each puck off the board is 5 off."
How many points does Nathan have?

Who won?

"Wait!" says Nathan. "I didn't know we lose 5 points for each puck off the board. I thought it just is 0."
If a puck off the board is just 0, then how many points would Nathan have? Does this change who wins?

Name: _____

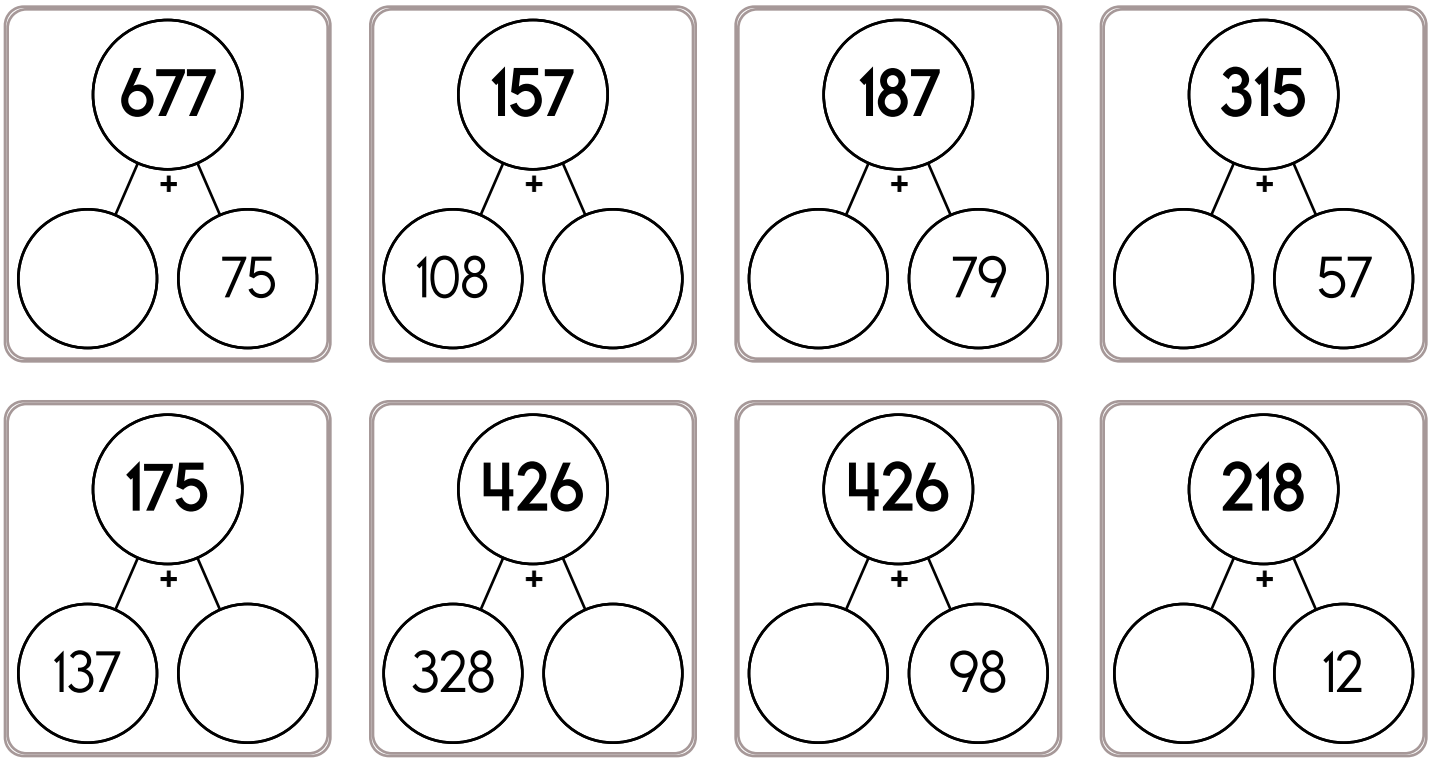
128 − 95	963 − 15	718 − 22	999 − 26	584 − 52
727 − 79	196 − 98	802 − 60	961 − 87	826 − 17

290 - ____ = 249	849 - ____ = 821
____ - 79 = 167	____ - 39 = 796
____ - 37 = 471	435 - ____ = 345
____ - 44 = 581	250 - ____ = 225

21 = x (7, 3)	32 = x (, 4)	72 = x (8,)	36 = x (4,)
12 = x (, 4)	40 = x (5,)	35 = x (5,)	20 = x (, 5)

Name: _____

223 − 73	193 − 61	955 − 17	476 − 76	984 − 45
164 − 37	522 − 89	531 − 54	804 − 91	665 − 27



7)21 9)36 6)12 6)24

Name: _____

Hunter picked 30 pretty flowers for his mother. Two-fifths of the flowers were blue. How many flowers were not blue?

The library purchased 80 new books at a total cost of $1,431.73. They had $7,927 in their budget to buy books. How much money is left to buy more books?

4 balloons = $\frac{1}{12}$ of a heart

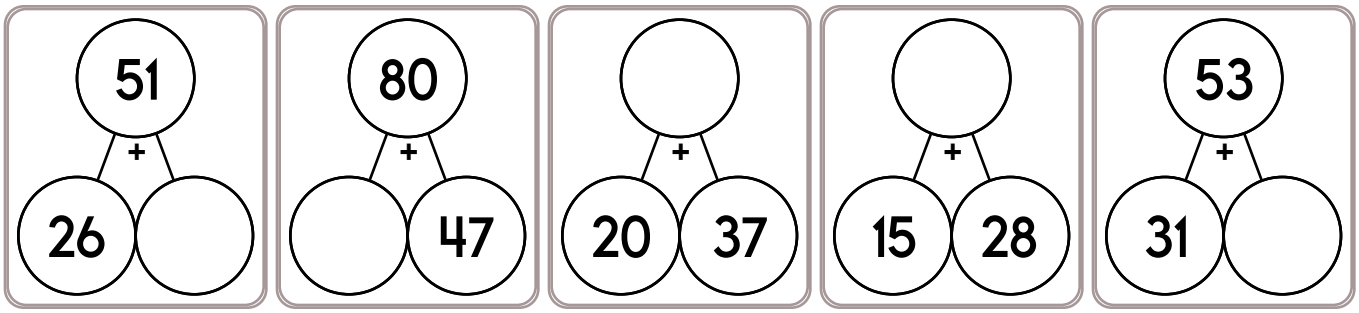
_____ balloons = $\frac{1}{6}$ of a heart

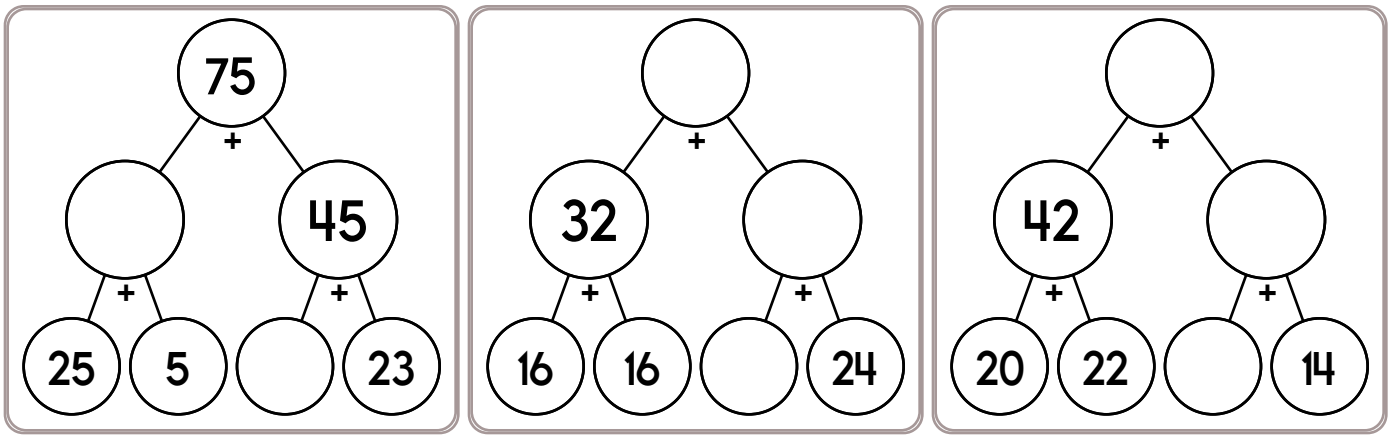
Mary was curious about what day will be her teacher's birthday. Today is Tuesday, and it is the 68th day of school.

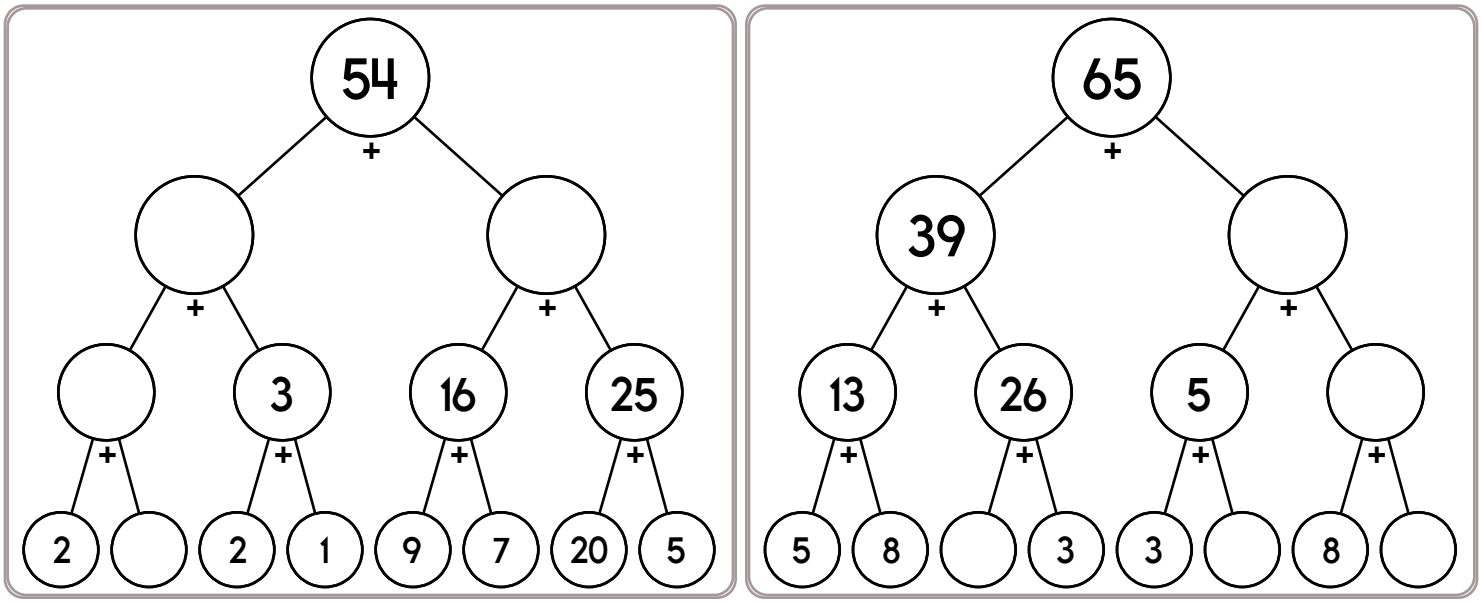
"My birthday will be celebrated in 37 school days. There are 5 days each week for school, and I counted 2 holidays when we will not have school. Anyone know on what day of the week will be my birthday?" asked Mrs. Johnson.

word root **lingu** can mean **tongue** **bilingual, linguist**

Name: _____







$9 \div \frac{1}{2}$

What is 50% of 612?

Yummy Donuts gave two dozen chocolate donuts and five dozen jelly donuts to the school. How many donuts did they give?

word root **ous** can mean **full of** **loquacious, zealous**

Name: _____

25 + ___ + 23 = 63

Amy bought a pack of six waters. It cost $4.20. How much did each water cost?

How many total legs are on 11 dogs?

43 + n = 55

$6\frac{2}{6} + 9\frac{4}{6}$

Write the missing family fact.

18 x 7 = 126

7 x 18 = 126

126 ÷ 7 = 18

Write as a decimal.

$\frac{8}{100}$

Write as a decimal.

Thirty-three thousandths

Write as a decimal.

$7\frac{4}{10}$

What is the least common multiple of 6 and 8?

What is the greatest common factor of 4 and 8?

24 - m = 10

2 - 1.6 =

0.44 + 8.6 + 0.7 =

0.85 + 6.2 + 0.5 =

Name: _____

$12 - \frac{1}{5} - \frac{7}{9} =$

$12 + \frac{1}{2} + \frac{2}{3} =$

Reduce $\frac{9}{54}$ to its lowest terms.

Estimate quickly the difference.
5,440 - 1,350

(3 x 8) x 5 + 7

Write the missing family fact.
152 ÷ 19 = 8
8 x 19 = 152
152 ÷ 8 = 19

21 + -34 =

$\frac{-10}{-2} =$

-12 ÷ 1 =

Round 9,506 to the nearest thousand.

A rectangle is 51 cm on one side and 7 cm on another side. What is the perimeter?

Round the decimal 0.535 to the nearest hundredth.

$\frac{N}{5} = 7$

7y = 42

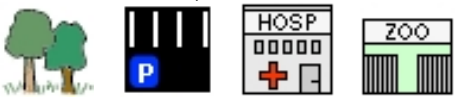
9m = 72

Name: _____

= 60 meters

Circle the one at C,5.

Circle the one at H,5.



230 Francis Street is at _____.

122 Glenbrook Way is at _____.

237 Francis Street is at _____.

241 Francis Street is at _____.

1 Levittown Street is at _____.

114 Anne Street is at _____.

Name: _____

Which street has a gas station?

_____

Which street has a library?

_____

Circle the building that is located on Levittown Street.

Anne Street is _____
of Levittown Street.

Francis Street is _____
of Anne Street.

Go _____ to drive from the library at 114 Anne Street 

to the store at 112 Anne Street 

.

[Hint: Use north, south, west, or east.]

Write the total distance to go from the house at 113 Anne Street  to the house at 113 Anne Street  .

Write the total distance to go from the bank at 3 Levittown Street 

to the school at 238 Francis Street 

.

Write directions to get from the house at 113 Anne Street to the store at 112 Anne Street.

Begin at the house at 120 Glenbrook Way. Walk the path to the road. The distance from your starting point to the road (the little path) is 17 meters. Go east on Glenbrook Way. Your final destination is on the north side of Glenbrook Way. You will have walked a total of 37 meters from your starting point (including the 17 meters path at the end of your walk). What is your final destination?

Name: _____

Find 2 equations hidden in each box. Good luck!

1563

26 + 8530

1965

7088

49 + 1439

2739

9079

41 + 1522

2080

4189

9026 + 53

4468

9900

1892

Write 2 equations: _____ _____

64

2

40

7 x 4

1

4

3 x 7

5 x 7

24

32

6 x 6

5

14

25

81

2 x 7

8 x 6

8 x 5

3 x 5

Write 2 equations: _____ _____

4

2

0

9 - 2

1

2 - 1

9 - 9

6

Write 2 equations: _____ _____

Name: _____

True, Not True, False, and Not False

True **True**

Not True **False**

False **False**

Not False **True**

With "OR" only ONE true is needed.

True or False **True**

True or True **True**

False or True **True**

False or False **False**

False _____

True _____

Not False _____

Not True _____

False or True _____

True or False _____

False or False _____

True or True _____

$$\begin{array}{r} 290 \\ +\ 414 \\ \hline \end{array}$$

Can 361 be evenly divided by 11? Circle:
361 is evenly divisible by 11
361 is NOT evenly divisible by 11

$$\begin{array}{r} 41 \\ +\ 23 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ -\ 19 \\ \hline \end{array}$$

15 ÷ 3 =

$$\begin{array}{r} 775 \\ -\ 115 \\ \hline \end{array}$$

Can 567 be evenly divided by 6? Circle:
567 is evenly divisible by 6
567 is NOT evenly divisible by 6

word root **erythro** can mean **red** **erythrocyte, erythrism**

Name: _____

"Or" Questions:	The computer will print:

if (true or false)
  print ("We have one true so it is true.");
else:
  print ("Everything is false so it is false");
	We have one true so it is true.

A = false or true; print (A);	true
A = true or false; print (A);	
A = false or false; print (A);	
A = not (false); print (A);	
A = not (true or true); print (A);	
A = not (true or false); print (A);	

Name: _____

```
a="February";

if (a=="January") or (a=="February")
   print ("You are in group 1.");

if (a=="March") or (a=="April")
   print ("You are in group 2.");
```

___ ___ __ ____

__

```
P = "Brazil";

if (P=="Canada") or (P=="Mexico") or (P=="US")
   print ("That is in North America.");

else:

   print ("I am not sure where that is.");
```

_ __ ___ ____

____ ____

___

```
print("Need a NOT");
```

____ _ ___

```
A = not (true or true or false);
print (A);
```

____

```
A = not ( not( true ) );
print (A);
```

Name: _____

True, Not True, False, and Not False

True **True**

Not True **False**

False **False**

Not False **True**

With "AND" both need to be true.

True and False **False**

True and True **True**

False and True **False**

False and False **False**

Not False _____

False _____

Not True _____

True _____

True and False _____

False and True _____

True and True _____

False and False _____

1 kg = 1,000 g

19 kg = _____ g

Ten kids and two adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is $90. How much is one kids ticket? How much is one adult ticket?

(5 + 3) + 6 =

15 cm = _____ mm

Write an equation to represent this:

The difference between eleven and seven is four.

_____

Write a letter that has two or more lines of symmetry.

_____

3 x 7 =

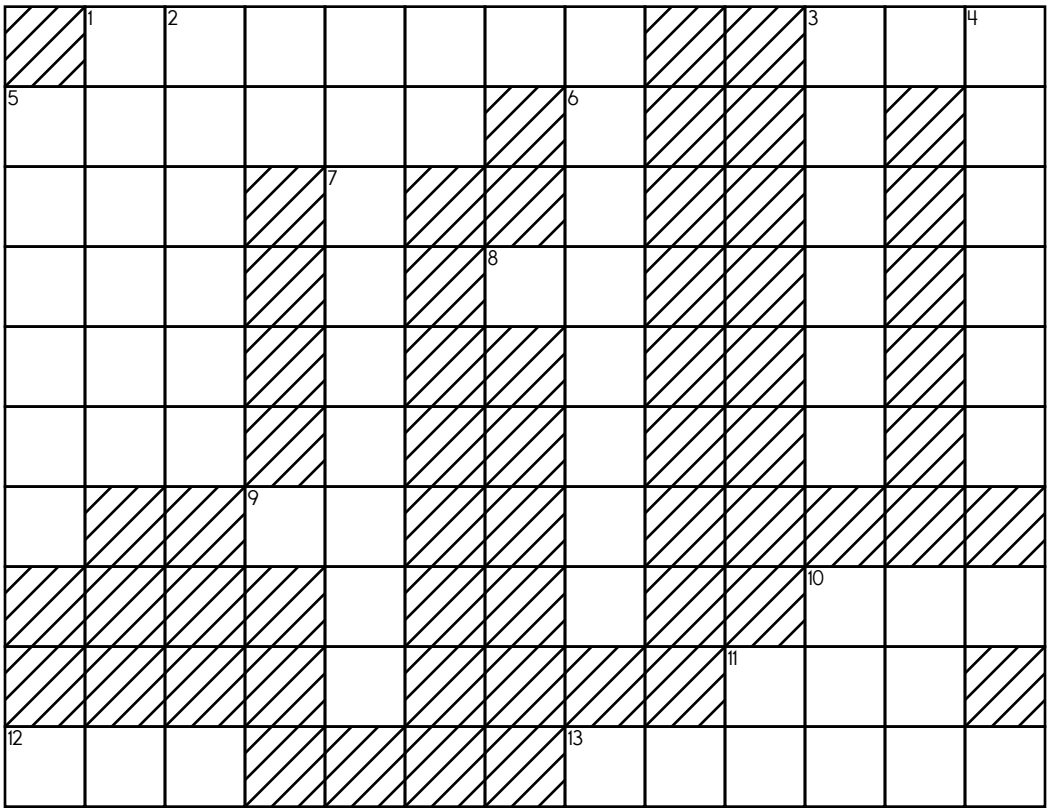
Name: _____

ACROSS

2. **six hundred eleven thousand, six hundred ninety-two**
3. the ones in 8-Across + the hundreds in 1-Down + the tens in 4-Down
5. the tens in 8-Across + the ones in 9-Across + the hundred thousands in 2-Down
8. 7 + 19
9. 7 + 11
10. the hundreds in 4-Down + the ones in 9-Across + the tens in 5-Across
11. the tens in 5-Across + the hundreds in 2-Across + the ones in 3-Across
12. the ones in 3-Across + the hundreds in 3-Down + the tens in 13-Across
13. the ones in 5-Across + the hundreds in 2-Across + the tens in 8-Across + the hundred thousands in 2-Down

DOWN

1. the ones in 2-Down + the tens in 13-Across + the hundreds in 4-Down + the hundred thousands in 5-Across
2. the tens in 8-Across + the hundred thousands in 2-Across + the ones in 9-Across
3. the hundreds in 5-Down + the hundred thousands in 1-Down + the ones in 9-Across + the tens in 13-Across
4. the tens in 8-Across + the hundred thousands in 2-Down + the ones in 9-Across + the hundreds in 13-Across
5. the ones in 5-Across + the hundred thousands in 2-Down + the hundreds in 4-Down
6. four million, five hundred sixty-one thousand, six hundred forty-eight
7. one million, two hundred twenty-seven thousand, eight hundred forty-four



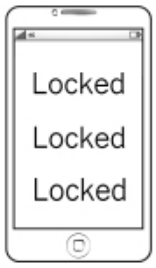
Name: _____

The ones place is 1.

The hundreds place is the value of a nickel and a penny.

The thousands place is the missing number from this pattern:
___, 9, 14, 19, 24

Write the sum of 4 and 1 in the tens place.



Help! Your phone is locked. Use the clues above to unlock it. Good luck!

___ , ___ ___ ___

is the code to unlock

Double Check — The sum of the numbers in your unlock key should be 16. Is it? Show your work to double check that your unlock key is correct.

○ aely
○ early
○ urle
○ urlea

$$\begin{array}{r} 27 \\ -\ 26 \\ \hline \end{array}$$

Fill in the blanks with these numbers:
4, 2, 7

$$\begin{array}{r} \square\ 1 \\ \square\ 0 \\ +\ 2\ \square \\ \hline 8\ \ 8 \end{array}$$

Fill in the blanks with these numbers:
4, 8, 2

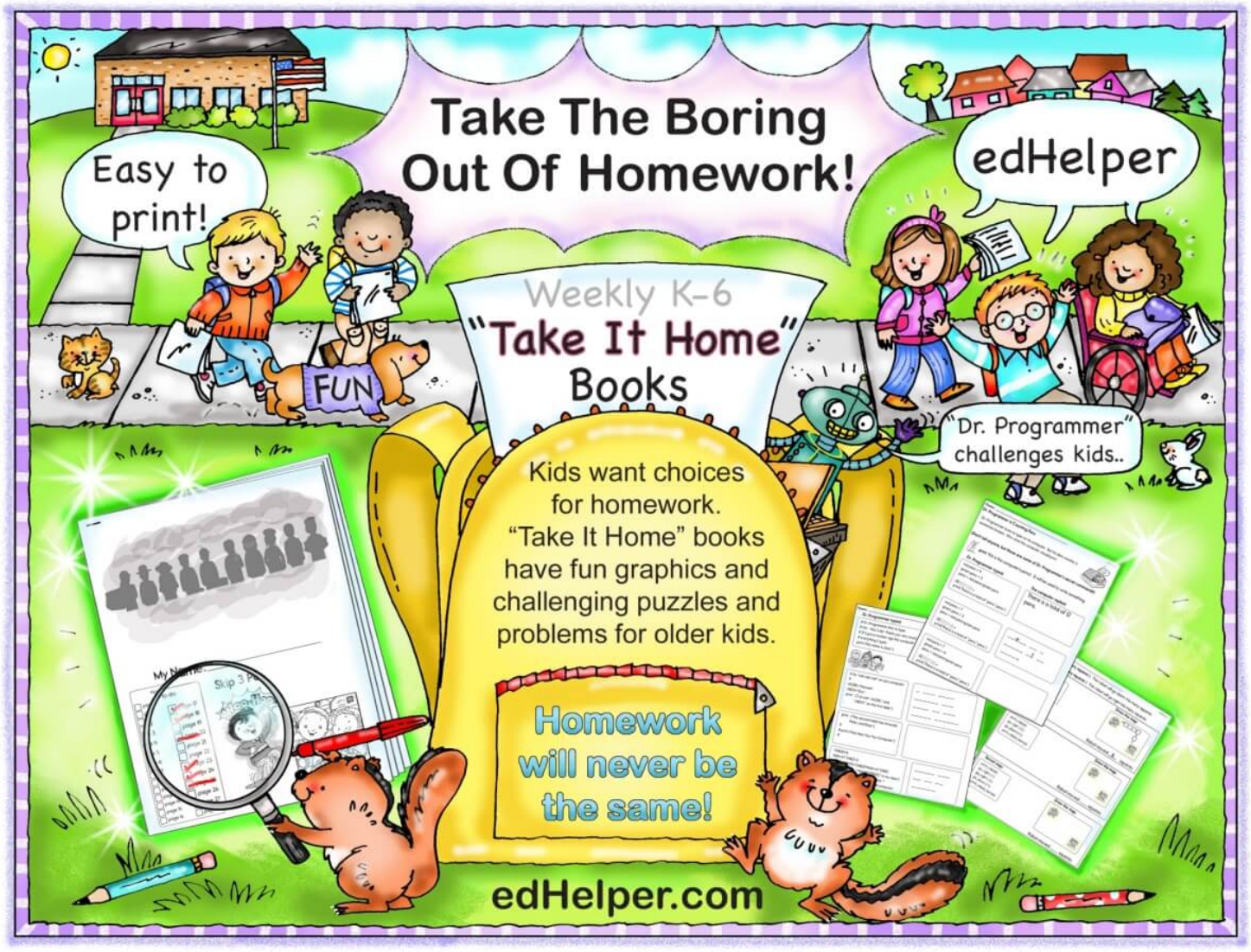
$$\begin{array}{r} \square\ 0 \\ 2\ \square \\ +\ \square\ 0 \\ \hline 8\ \ 8 \end{array}$$

$$\begin{array}{r} 35 \\ +\ 20 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ -\ 14 \\ \hline \end{array}$$

5 - 3 = ☐ 11 - 9 = ☐ 13 - 8 = ☐ 8 + 5 = ☐


Where can I get more of this great stuff?
More math!
More spelling!
It's NO PREP at edHelper.
More history!
CLASS RULES
edHelper.com!
New online math games!
More things for the classroom!
More science!
New ideas!
More puzzles!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Kids want choices for homework. "Take It Home" books have fun graphics and challenging puzzles and problems for older kids.
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Name: _____

Rosa is less than 15 years old. She is half as old as David. In 8 years, Rosa will be $\frac{2}{3}$ years as old as David. How old is David?

The product of three consecutive numbers is 336. What are the numbers?

12, 14, 16, _____, 20, 22, 24, 26

At 3 p.m. today, Amanda will not be able to use her electronics for 4 hours. At what time will she be able to resume using her phone?

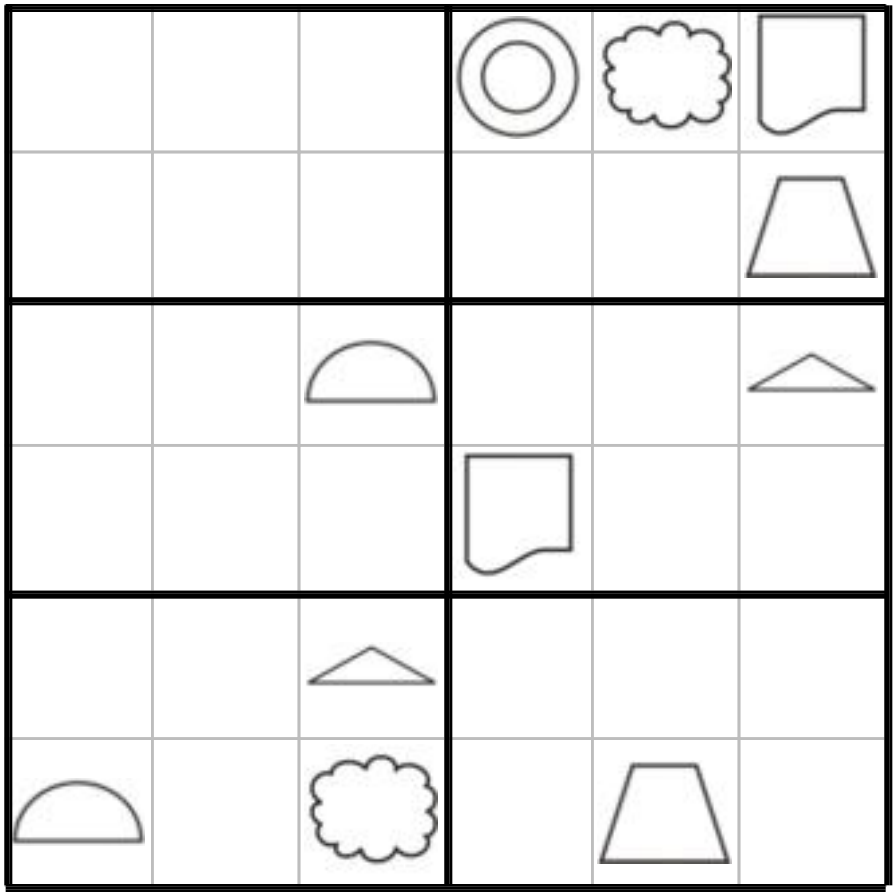
What number is halfway between 58 and 64?

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

4	5	2	1	3	
3	6	1			5
			4		
		3	5	6	
	3			2	

Each row, column, and box must have 6 different pictures.



Name: _____

Skip an additional 2 pages in this workbook if you finish this page!

Instead of working on this book, here is a list of some things I plan on doing.

A couple of suggestions are listed. If you don't want to do these, just write 0 minutes!

Reading _____ _____ minutes

Playing outside _____ _____ minutes

I want extra time to go to bed early instead of doing homework! _____ minutes

Help with dinner _____ _____ minutes

Write a story _____ _____ minutes

Spending time with my _____ _____ minutes

_____ _____ minutes

_____ _____ minutes

_____ _____ minutes

_____ _____ minutes

You don't need to fill in all of these lines unless you are THAT busy!

Last but not least, I also want to do something I don't usually do....

Maybe go up a slide backwards? _____ _____ minutes

Meditate (say... what now?!?!?) _____ _____ minutes

_____ _____ minutes

_____ _____ minutes

Name: _____

It was a sunny day in Ketron Island. Not a cloud was in sight. In fact, Ketron Island had exactly 7 hours of sun for the day.

Burke Centre had sunrise at 6:41 a.m. and sunset at 9:14 p.m. and also had a completely sunny day. Amazing!

Which city had more sun for the day? How much more?

Fill in the missing numbers.

$\frac{2}{18} = \frac{1}{\_\_}$ $\quad \frac{3}{10} = \frac{6}{\_\_}$ $\quad \frac{2}{6} = \frac{\_\_}{3}$

$\frac{2}{8} = \frac{\_\_}{4}$ $\quad \frac{2}{5} = \frac{6}{\_\_}$ $\quad \frac{1}{2} = \frac{\_\_}{12}$

$\frac{4}{14} = \frac{\_\_}{7}$ $\quad \frac{4}{9} = \frac{\_\_}{18}$ $\quad \frac{6}{16} = \frac{\_\_}{8}$

Anne is buying candy mixes for goodie bags. Each fun mix packet weighs 4 ounces. She purchased 6 pounds. How many packets did she buy?

(Hint: 1 pound = 16 ounces)

Name: _____

$$\begin{array}{r} 342 \\ +\ 288 \\ \hline \end{array}$$

5 + 9 + 3 + 3 + 5 =

38 + 19 =

$$\begin{array}{r} 41 \\ \times\ 18 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times\ 15 \\ \hline \end{array}$$

$$\begin{array}{r} 112 \\ \times\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4.4 \\ \times\ 50 \\ \hline \end{array}$$

Change $\frac{72}{100}$ to a decimal.

$$\begin{array}{r} 8.0 \\ \times\ 2 \\ \hline \end{array}$$

Write as a decimal.

$\frac{6}{10}$

Write as a decimal.
Six tenths

Write as a decimal.

$\frac{7}{100}$

What is the greatest common factor of 6 and 16?

x + 24 = 38

What is the least common multiple of 5 and 9?

Name: _____

The answer is five thousand, nine hundred. What is the question?

50 x 10
59 x 100
550 x 10

The answer is six thousand, six hundred. What is the question?

11 x 60
60 x 110
6110 x 60

The answer is one hundred sixty. What is the question?

4 x 470
4 x 40
4000 x 40

Six years ago Mary was 7 years old. How old was she three years ago?

10
11
18

What is the smallest prime number greater than 12?

13
20
17
4

How many whole numbers are less than 12?

11
12
14
9

What is the square of 8?

16
48
512
32
64

40 : 4 = ___ : 6

6
8
60
10

If you add 5 to an even number, the new number must be

even
odd
prime

A string that is 48 cm is cut into 4 pieces of equal length. What is the length of one of the pieces?

12 cm
48 cm
36 cm
20 cm

The product of two consecutive whole numbers is 30. What is the sum of the two consecutive numbers?

11
15
5
7

How many whole numbers from 1 to 45 are divisible by 3?

21
11
15
9

___ : 4 = 54 : 6

7
36
11
4

What is the square of 9?

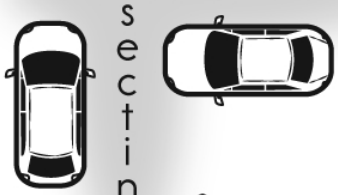
81
72
45
18
729

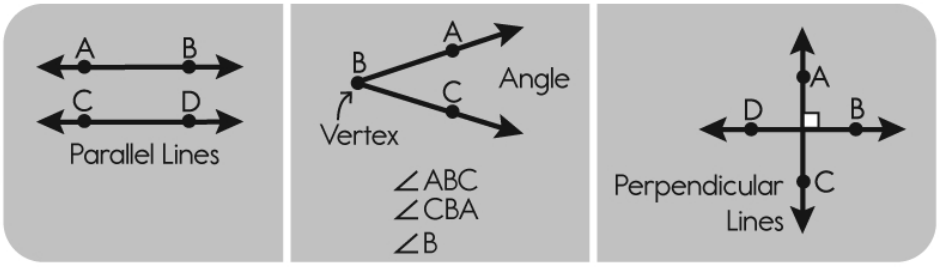
Circle the equation with the largest value.

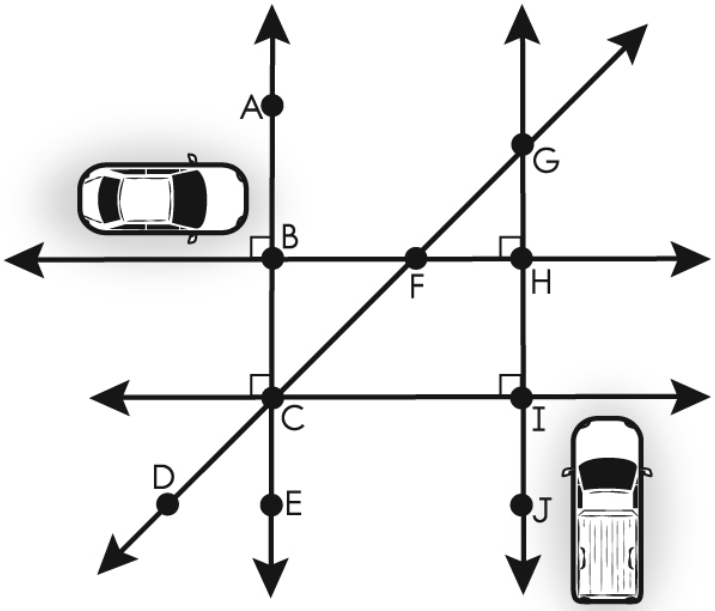
5 + 1 x 10
1 + 2 x 9
5 + 3 x 8
3 + 5 x 3

Name: _____

Intersecting & Parallel Lines Angles





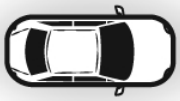


What line is **parallel** to $\overleftrightarrow{BC}$?

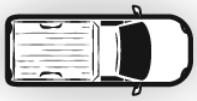
What lines are **perpendicular** to $\overleftrightarrow{BE}$?

What **angle** shares a **vertex** with ∠GFH ?

What **vertex** is closest to the car?



What **vertex** is closest to the truck?

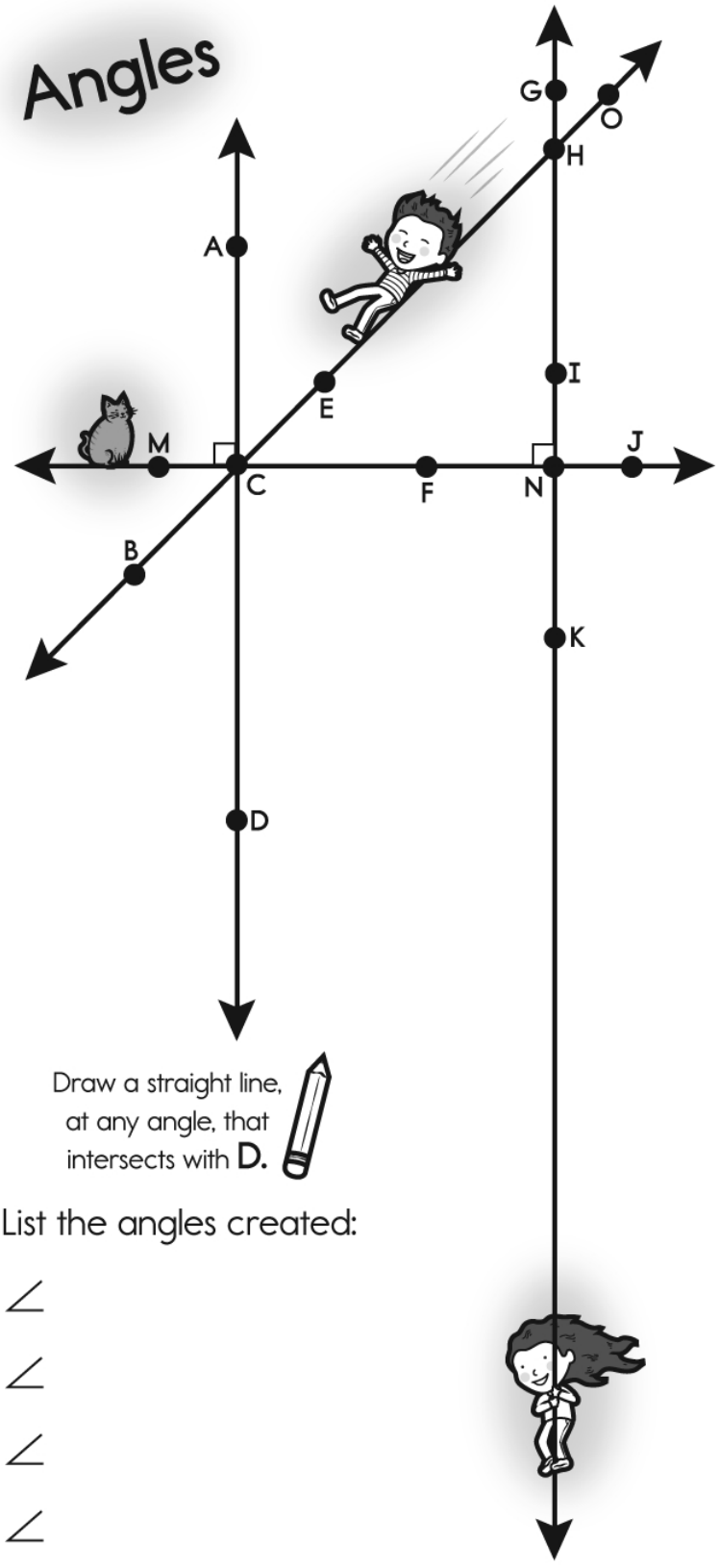


- Draw a line with two points. Label them **A** and **B**.
- Draw a perpendicular line, intersecting at **B**, with two more points. Label them **C** and **D**.
- Draw a line parallel to $\overleftrightarrow{AB}$ intersecting at **C**. Label two more points **E** and **F**.

What line intersects $\overleftrightarrow{BC}$, $\overleftrightarrow{HI}$, $\overleftrightarrow{BF}$, and $\overleftrightarrow{CI}$?

Name: _____

Angles



Draw a straight line, at any angle, that intersects with **D.**

List the angles created:

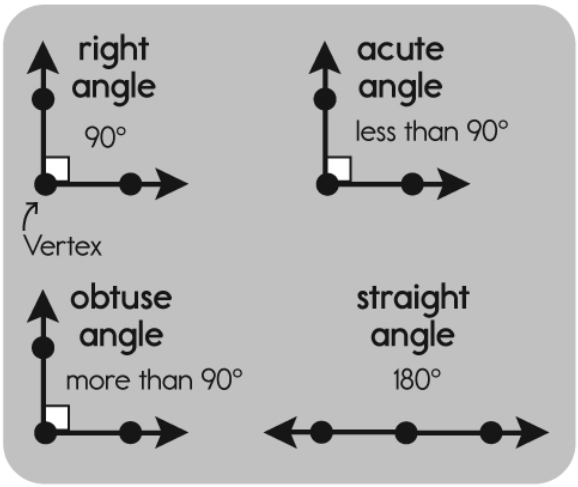
∠

∠

∠

∠

What is another angle that shares a vertex with ∠FCE?



What kind of angle is ∠ACE?

_____

What kind of angle is ∠INJ?

_____

What kind of angle is ∠GHE?

_____

What kind of angle is ∠INK?

_____

Name another **ACUTE** angle:

Name another **OBTUSE** angle:

Name another **RIGHT** angle:

Name another **STRAIGHT** angle:

Name: _____

A, J, B, K, _____, L, D, M, E, N

What is the area of a rectangle with sides 2 cm and 9 cm?

How many centimeters in 6.9 meters?

Circle the three numbers whose product equals 60.

3 4 10

3 5 3

C, F, _____, L, O, R, U, X

The area of a rectangle is 27 cm^2. What could the length of the 4 sides be?

The perimeter of a rectangle is 16 cm. The longer side is 6 cm. How long is the shorter side?

It was 3 degrees above zero in the morning. By afternoon the temperature rose 28 degrees. How warm was it?

How much money is 1 quarter, 1 dime, 9 nickels, and 1 penny?

How many meters are there in 33 kilometers?

Write the missing family fact.

6 x 19 = 114

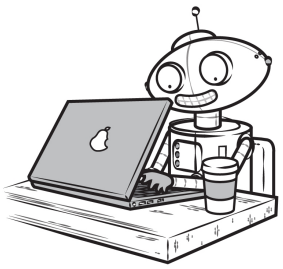
114 ÷ 19 = 6

19 x 6 = 114

Know how many inches in a foot? Okay, smarty pants, how many inches in 6 feet?

word root **ab** can mean **away or from** **abbreviate, abduct, abduction**

Name: _____



Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.

Dr. Programmer typed:	The computer replied:
A = 4315 B = 100 C = A + B print ("The number that is ", B," more than ",A," is ",C)	The number that is 100 more than 4315 is 4415
A = 4571 B = 10 C = A + B print ("The number that is ", B," more than ",A," is ",C)	The number that is 10 more than 4571 is 4581
A = 3318 B = 100 C = A + B print ("The number that is ", B," more than ",A," is ",C)	___ _____ _____ __ ___ _____ _____ _____ __ _____
A = 1520 B = 10 C = A + B print ("The number that is ", B," more than ",A," is ",C)	___ _____ _____ __ __ _____ _____ _____ __ _____

Name: _____

```
A = 62242
B = 1000
C = A + B
print   ("The number that is ",
        B," more than ",A," is ",C)
```

——— ——————— —————— ——

—————— —————— —————— ———————

—— ———————

```
A = 34214
B = 10000
C = A + B
print   ("The number that is ",
        B," more than ",A," is ",C)
```

——— ——————— —————— ——

——————— —————— ——————

——————— —— ———————

```
A = 8224
B = 100
C = A + B
print (B," more than ",A," is ",C)
```

——— —————— —————— ——————

—— ——————

```
A = 2668
B = 10
C = A + B
print (B," more than ",A," is ",C)
```

—— —————— —————— —————— ——

——————

```
A = 18638
B = 1000
C = A + B
print (B," more than ",A," is ",C)
```

—————— —————— —————— ———————

—— ———————

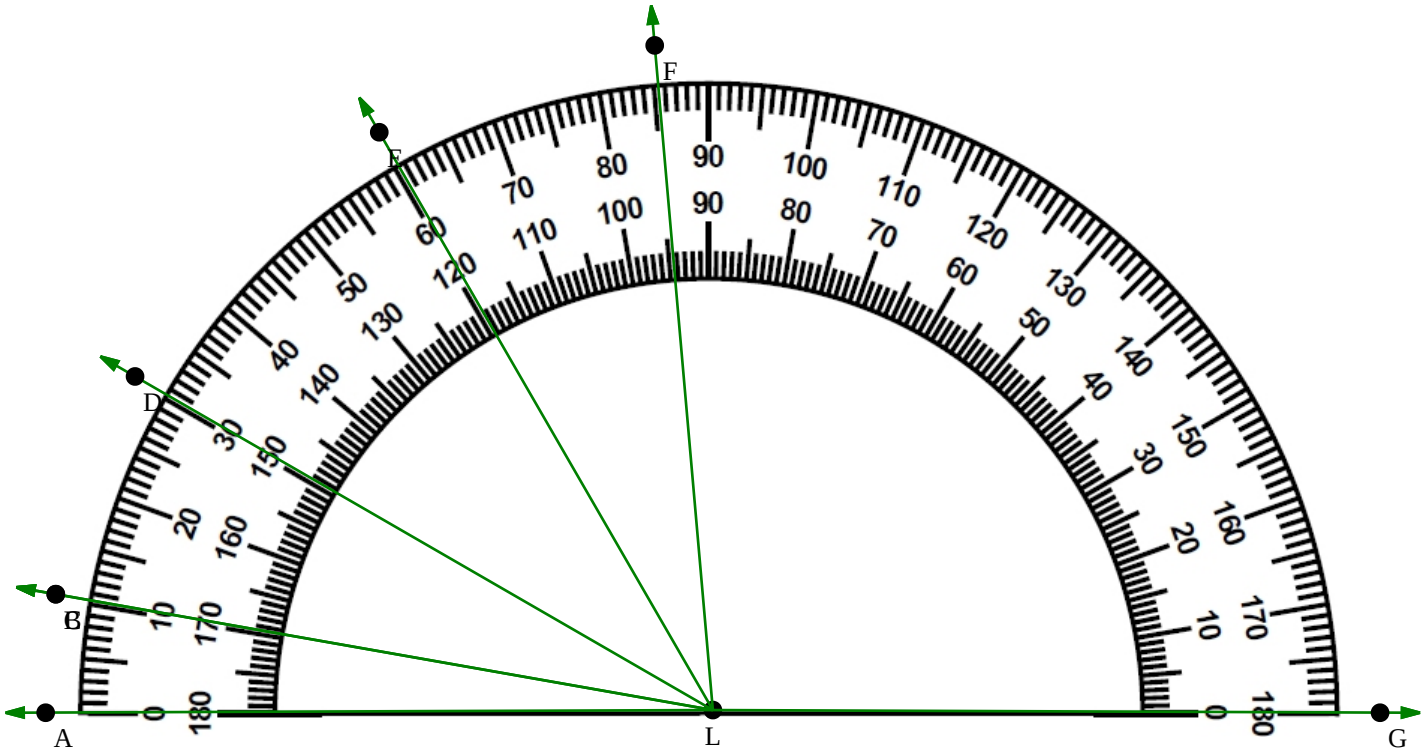
At 2 p.m. today, Jenna will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?

Gavin earns $18 an hour. He worked 5 hours. How much did he make?

Name the shape with seven sides and seven angles.

Name: _____

Write the measurement for each angle.



∠ BLG = 170°

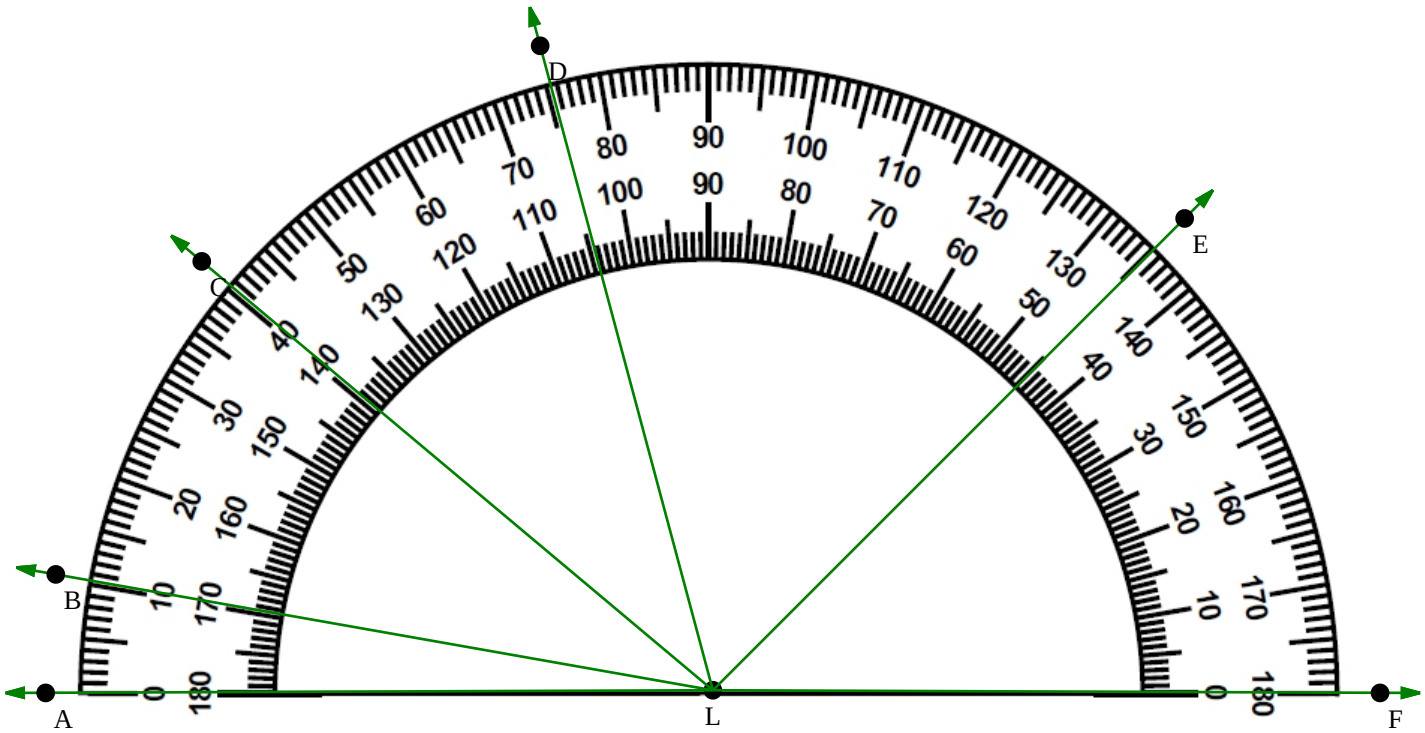
∠ CLA = _____

∠ GLC = _____

∠ GLE = _____

∠ GLF = _____

∠ BLF = _____



∠ FLC = _____

∠ BLA = _____

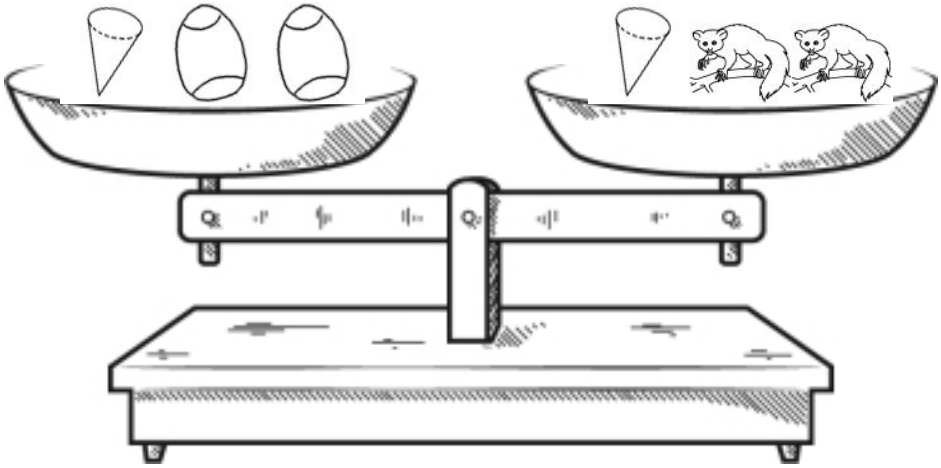
∠ DLA = _____

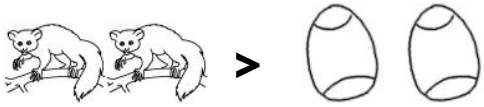
∠ CLA = _____

∠ DLB = _____

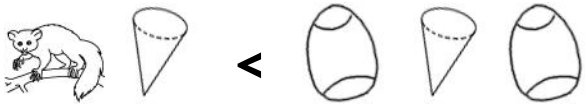
∠ ELC = _____

Name: _____

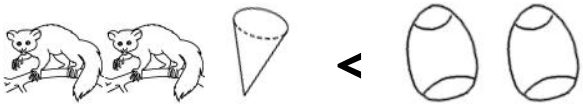




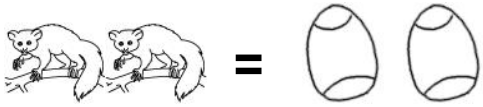
☐ True ☐ False



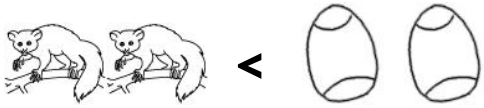
☐ True ☐ False



☐ True ☐ False

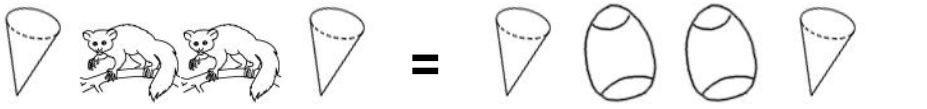


☐ True ☐ False



☐ True ☐ False

☐ True ☐ False



☐ True ☐ False

Did you find that three are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

word root **archy** can mean **a government** **monarchy, oligarchy**

Name: _____

"Wow, you can code apps?" asked Ronald.
"Like, yeah!" replied Sally. But then Sally remembered she still had some work to do on her app. She just learned to use \n to go from one line to the next.

Sally wants her program to print this:
Wow!

Write the code:

```
print ("____\n")
```

Ronald is going to add to Sally's program. He wants it to now print this instead:
Wow!
Look at that dog.

Write the code:

```
print ("____\n)
______ ("_____________________")
```

Sally is making something for April.
Hi, April.
Want to ride bikes?

Write the code:

```
______ ("Hi, April.\n")
______ ("_________r____b____?__")
```

April wants to reply with:
Yes!

Write the code:

Name: _____

Mr. Hernandez brought 8 bags of marshmallows on the camping trip. On the first night, $3\frac{3}{4}$ bags of marshmallows were eaten. On the second night, $3\frac{1}{2}$ bags were eaten. How many bags of marshmallows were eaten on the camping trip?

Amy is making 5 batches of cheese popcorn and 4 batches of caramel popcorn. She needs $\frac{1}{2}$ of a cup of popcorn for each batch. How many cups of popcorn does she need?

Mr. Lee has ants and owls on his farm. The ants are his favorite! One day he was bored and counted all the legs. Between his insects and owls he had a total of 34 legs. That's a lot of legs! How many ants does he have?

Write the greatest possible 3-digit number using only 2 different numbers.

Find the product of 9 and 4.

Write a 3-digit even number.

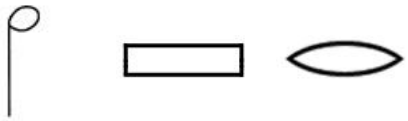
Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.

Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.

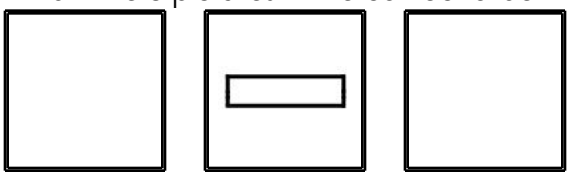
Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.



Draw 1 of these 3 pictures.
The picture IS in the correct spot.

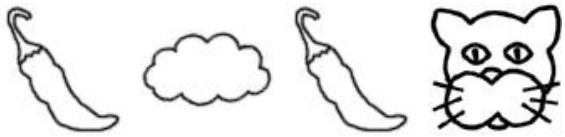
Draw the 3 pictures in the correct order:



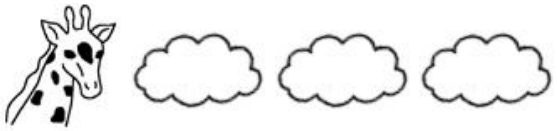
Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.

Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

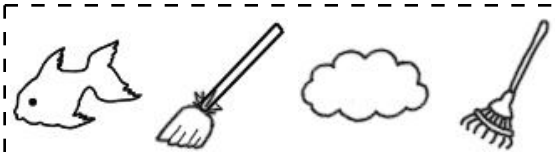
Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.



Draw 2 of these 4 pictures.
None of those pictures are in the correct spot.



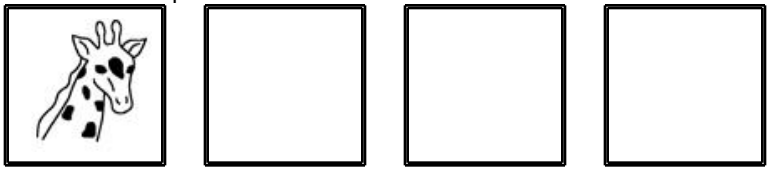
Draw 2 of these 4 pictures.
The pictures to use are in the correct spot.



Draw 2 of these 4 pictures.
None of those pictures are in the correct spot.

Draw 3 of these 4 pictures.
The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:



Name: _____

Use any of these digits. Cross off a digit after you use it.

3 3 4 7 2 8

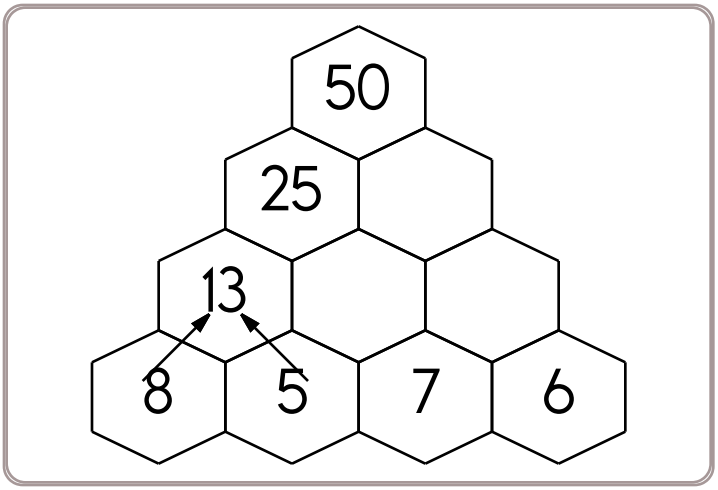
Write the largest 3-digit number that you can using only odd digits.

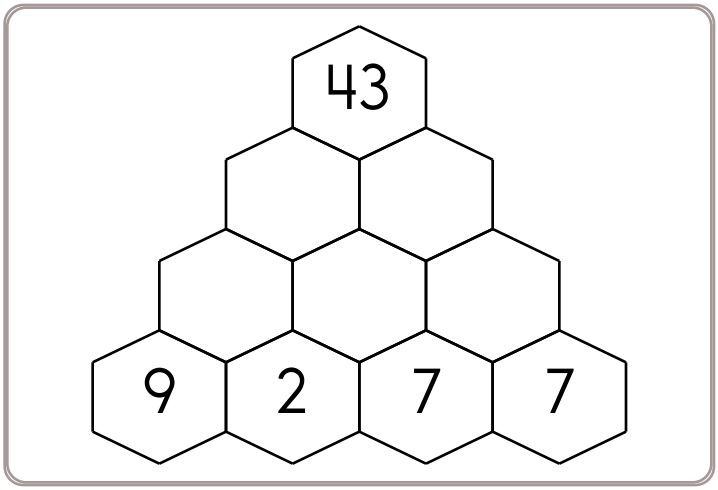
I am the smallest whole number that will round to 590,000 when you round to the nearest ten-thousand.

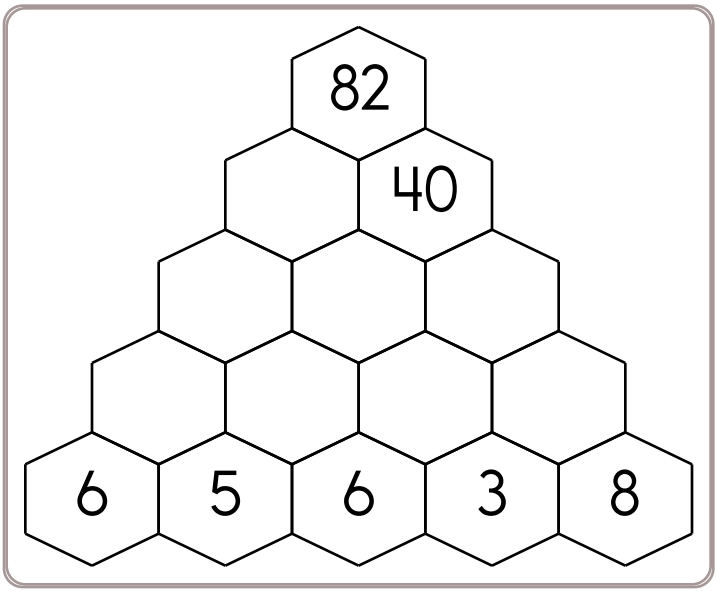
Emma lives in Odesa where it is currently Sat. at 7:15 p.m. She made a phone call to Wendy who lives in Kolkata. It is 10:45 p.m. and Sat. in Kolkata. What is the difference in time?

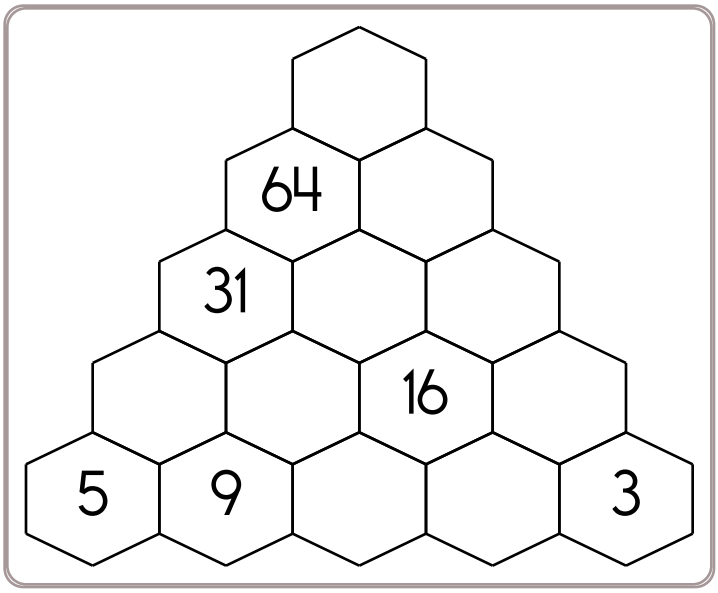
Name: _____

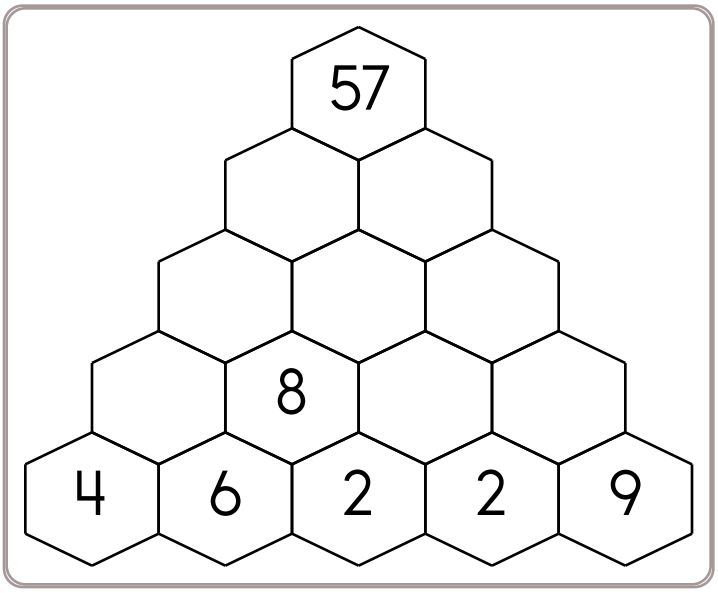
Fill in the blanks by adding the two numbers below each hexagon.

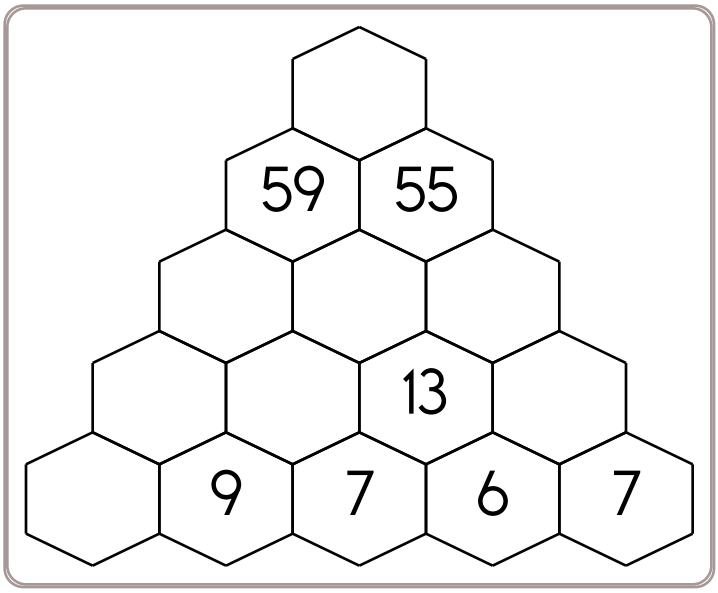












word root **vent** can mean **come** **circumvention, convention, intervention**

Name: _____

Complete each pattern. Write what the rule is.

5	10	15
20	25	
35	40	
50	55	

Complete each pattern. Write what the rule is.

755687, 556877, 568775, 687755, 877556, 775568, 755687,

_____, _____, 687755, 877556, 775568, 755687, 556877

723945, 239457, 394572, 945723, 457239, 572394, 723945,

239457, _____, _____, _____, _____, 723945, 239457

Name: _____

What is the greatest common factor of 9 and 12?

38 - x = 31

22 - m = 13

y + 37 = 48

What is the least common multiple of 9 and 6?

24 - m = 9

What is the least common multiple of 10 and 15?

What is the least common multiple of 3 and 5?

What is the greatest common factor of 18 and 27?

Find the product of 2424 and 7.

Multiply 314 and 3.

$$\begin{array}{r} 113 \\ \times\ 73 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 103 \\ \times\ 29 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ \times\ 32 \\ \hline \end{array}$$

Name: _____

"Want to visit my farm?" asked Eric. "It's just me, my mom, my dad, my 3 sisters, my 8 spiders, my 2 owls, and, last but not least, my 4 dogs."

"Yuck, did you say 8 spiders? Seriously?" asked Sarah.

"Yes, I did! Just answer the following math question. I didn't say these math questions make sense," said Eric with a big smile.

How many legs where Eric lives? If it helps, humans have 2 legs (duh!), spiders have 8, and you can figure out the rest!

What one-digit number is missing in this equation?

$$21 \times \_\_\_ + 11 = 179$$

Name: _____

If you add 9 to an odd number, the new number must be

prime
even
odd

2 hundreds + 7 tens + 18 ones =

280
2718
290
288

30 : 3 = ___ : 4

40

Which of the following is closest in value to 9074?

9,009
9,145
8,993
9,015

36 : 4 = 27 : ___

11
2
12
3

Circle the equation with the largest value.

1 + 3 x 11
1 + 3 x 8
2 + 5 x 9
3 + 2 x 10

Amy took a square piece of paper. She measured one side to be exactly 15 cm long. She cut out small squares, each of which was 5 cm long on each side. What's the maximum number of small squares she can make?

9
17
11
13

What is the square of 2?

10
4
18
12
8

Which of the following numbers has the most factors?

7
9
6
11

27 : 3 = 54 : ___

3
2
6

Which of the following is closest in value to 8076?

7,988
7,989
7,972
7,964

16 hundreds + 5 tens + 3 ones =

1660
1653
1646

Name: _____

$36\overline{)2642}$ $88\overline{)794}$ $20\overline{)960}$ $30\overline{)540}$

$10\overline{)169}$ $12\overline{)96}$ $4\overline{)240}$ $8\overline{)483}$

$40\overline{)800}$ $33\overline{)165}$ $9\overline{)177}$ $60\overline{)1086}$

What kind of angle has a measure of between 0° and 90°?

Sketch an acute angle named $\angle ABC$.

Sketch an acute angle named $\angle CDE$.

Round 6,507 to the nearest thousand.

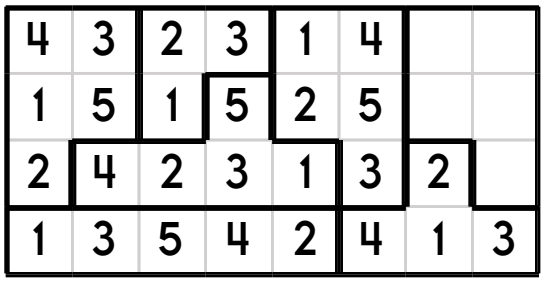
What is 50% of 1,308?

$3\frac{4}{6} + 9\frac{5}{6}$

Name: _____

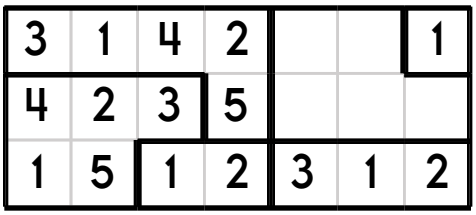
Fill in the missing numbers.
Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:
A block with 1 space has to be the number 1.
A block with 2 spaces must have the numbers 1 and 2.
A block with 3 spaces must have the numbers 1, 2, and 3.
A block with 4 spaces must have the numbers 1, 2, 3, and 4.



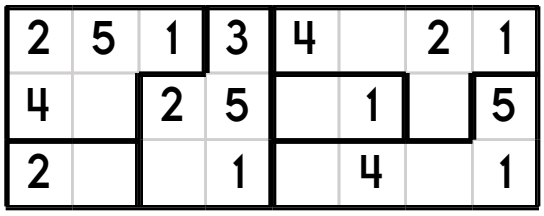
An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

3 4 1 2 5



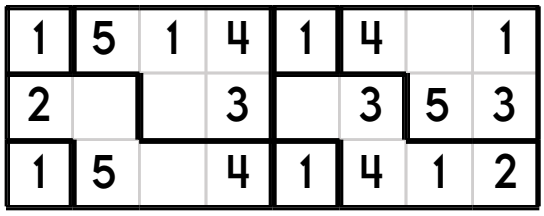
An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

2 3 5 1 4



Hint - These numbers are missing:

3 3 5 2 3 2 1 4



Hint - These numbers are missing:

1 2 3 5 2

Circle the correctly spelled words.
chimeney, chimney
vacation, vacashun
cactus, caktus

Name: _____

Sudoku Sums of 15

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 15.

Here is an example of a sudoku sum of 15: | 3 | 12 |

8				7				
6				2			8	7
		2		8	3			9
	9	8	7			4		
7				4			5	2
								6
1		7		3				
5	8			1	4			
		3	6				1	

How many grams are in 6 kilograms?

_____ grams

What time is 14 hours after 3:00 a.m.?

_____

Name: _____

The difference between two numbers is 300. The average of these same two numbers is 542. One of the numbers is 692. What is the other number?

At Emily's Books, they are having a big sale. All the blue books are $6, and Emily, the owner, makes 28 cents from each sale. She is hoping to earn $10 during the big sale. How many books will she need to sell?

Jenna got home from school at 2:10 p.m. She has soccer practice at 4:40 p.m. How much time does Jenna have until soccer practice?

She has ____ hour(s) and ____ minute(s) until practice.

Amy and two of her friends do yard work on the weekends. This weekend they made $83 together. Amy does not have any coins, but she could split the money evenly with a small remainder. The remainder she gave to her brother Hunter. How much did Hunter get?

Name: _____

Multiply

3 x 6 =	2 x 10 =	11 x 0 =	11 x 5 =
12 x 4 =	3 x 4 =	6 x 7 =	5 x 7 =
8 x 6 =	8 x 1 =	9 x 2 =	5 x 10 =
12 x 9 =	5 x 8 =	1 x 12 =	10 x 10 =
4 x 6 =	2 x 3 =	4 x 7 =	9 x 11 =
7 x 3 =	9 x 11 =	5 x 8 =	6 x 12 =
0 x 7 =	2 x 3 =	11 x 12 =	8 x 2 =
7 x 9 =	5 x 11 =	3 x 9 =	3 x 10 =
8 x 0 =	5 x 4 =	2 x 2 =	11 x 7 =
6 x 12 =	8 x 4 =	12 x 1 =	4 x 9 =
10 x 10 =	10 x 9 =	1 x 4 =	12 x 6 =
6 x 8 =	9 x 7 =	4 x 5 =	10 x 8 =
2 x 6 =	3 x 3 =	12 x 11 =	0 x 5 =

Name: _____

Mr. Smith has ants and bears on his farm. The ants are his favorite! One day he was bored and counted all the legs. Between his insects and bears he had a total of 46 legs. That's a lot of legs! How many ants does he have?

Mrs. Hernandez sent an e-mail out to parents asking them to send balloons to class.

Hannah brought in $\frac{1}{2}$ as many balloons as Kevin. Kevin brought in $\frac{1}{3}$ as many balloons as Ava. Who brought in the most balloons?

Did you guess Ava? You would be correct. She brought in 30 balloons! How many balloons did Hannah and Kevin bring to class?

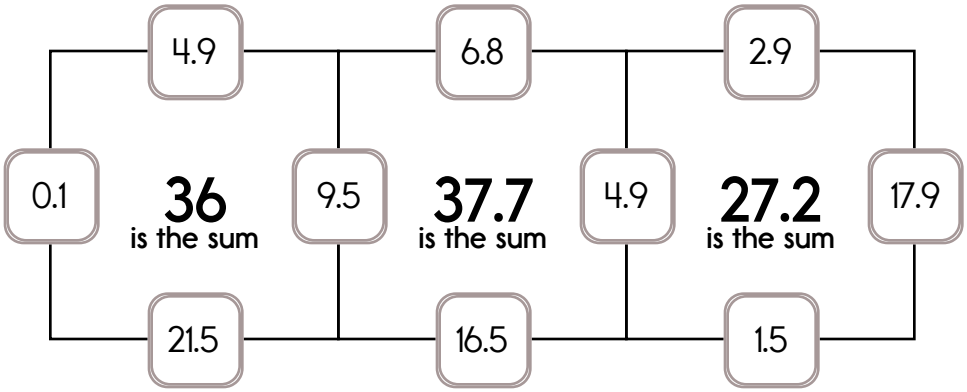
Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

Example:
0.1 + 9.5 + 4.9 + 21.5 = 36

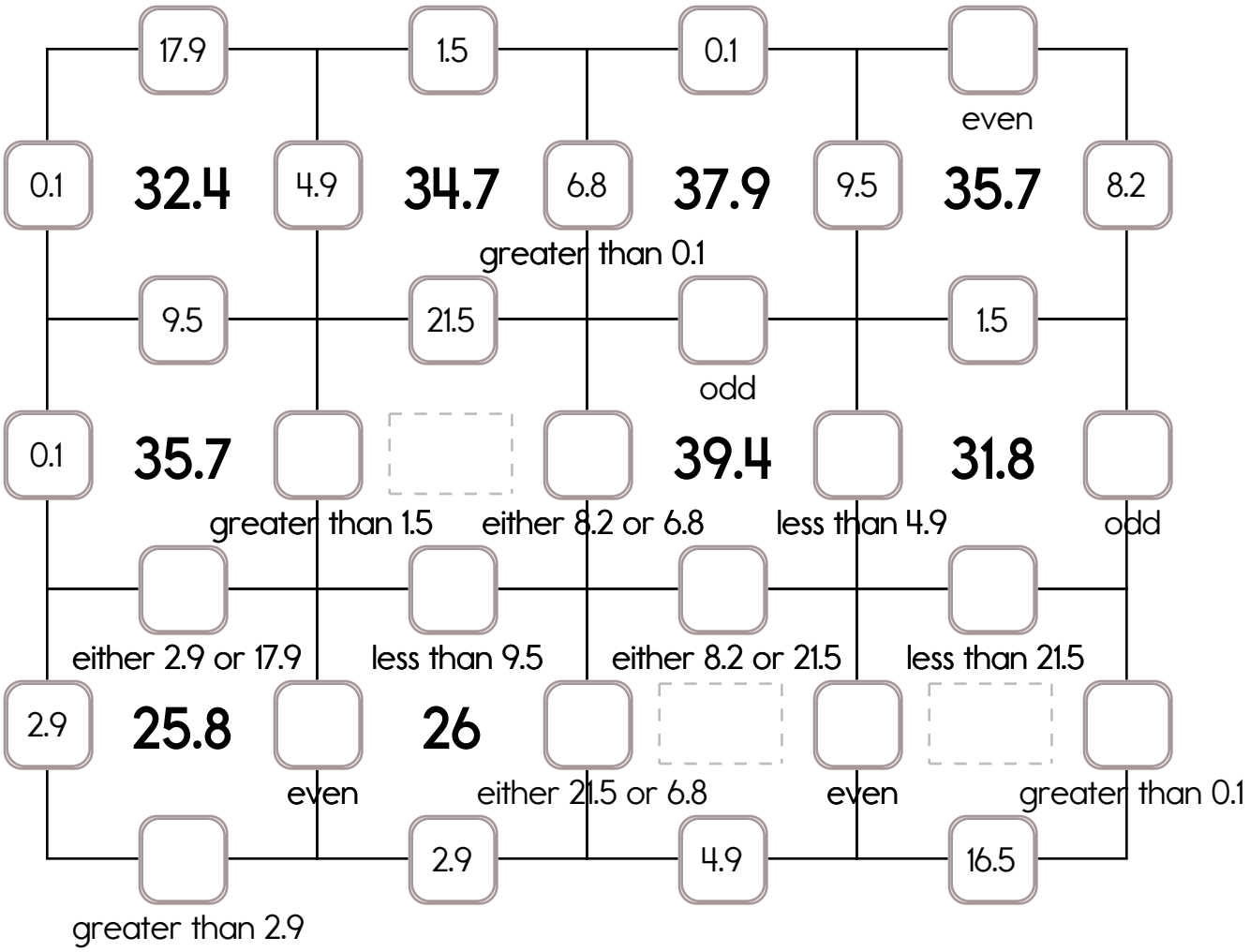
Example:
4.9 + 17.9 + 2.9 + 1.5 = 27.2

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

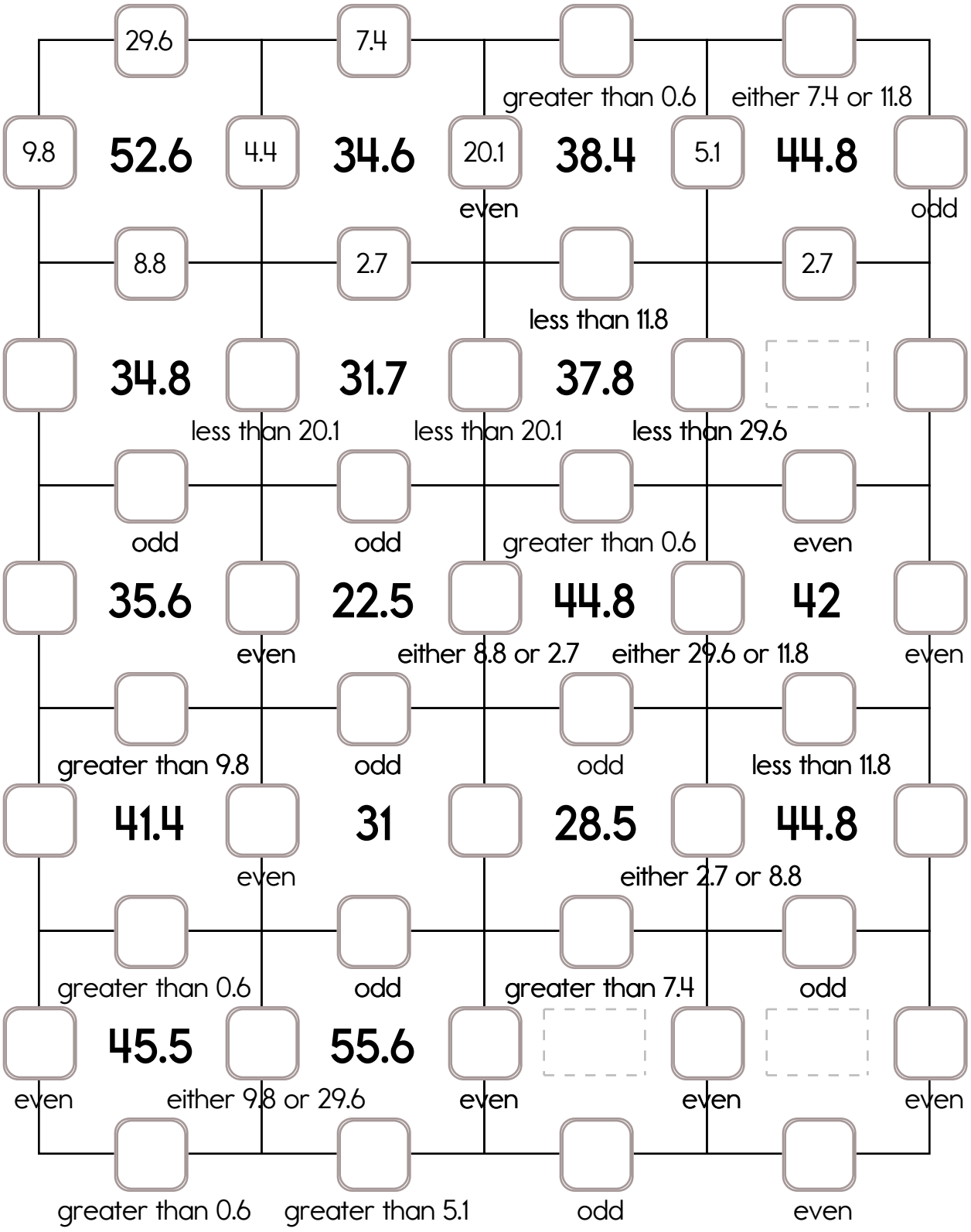
Exactly one of the four numbers has to be one of these numbers: 17.9, 16.5, or 21.5. The other three numbers have to all be DIFFERENT and must be from these: 0.1, 1.5, 8.2, 2.9, 6.8, 4.9, or 9.5.



Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: 20.1, 11.8, or 29.6. The other three numbers have to all be DIFFERENT and must be from these: 9.8, 4.4, 2.7, 8.8, 5.1, 0.6, or 7.4.



Name: _____

Write the reciprocal.

15

Reduce $\frac{3}{12}$ to its lowest terms.

Reduce $\frac{22}{32}$ to its lowest terms.

$$\frac{3}{4} - \frac{3}{5} = \_\_\_\_$$

$\frac{1}{2} \times 4\frac{2}{5} =$

$\frac{11}{12} \div \frac{1}{2} =$

$\frac{2}{3} \times 11 =$

$$\frac{1}{2} + \frac{4}{5} = \_\_\_\_$$

$18 + \frac{3}{11} + \frac{1}{5} =$

Write the reciprocal.

$\frac{9}{17}$

$5 + \frac{2}{3} - \frac{1}{2} =$

Write the reciprocal.

$\frac{2}{3}$

Name: _____

Estimate. 72 + 14 + 47 + 51 + 18 =

A) 800
B) 200
C) 300
D) 100

Which of the following has the greatest value?

A) 0.57
B) 0.87
C) A and B are equal.

Which number represents twenty-three thousands?

A) 23000000
B) 2300
C) 23000
D) 23023

88 ÷ 8 =

A) 51
B) 11
C) 6052

Jane's bedroom is exactly 15 feet by 21 feet. If Jane wants to put a carpet on the floor, how much carpeting is needed?

A) 1260 square feet
B) 36 square feet
C) 1012 square feet
D) 315 square feet

Which group of numbers is ordered from least to greatest?

A) 3.564, 3.738, 3.114, 3.835
B) 3.885, 3.994, 3.937, 3.349
C) 5.453, 5.463, 5.636, 5.663
D) 6.398, 6.359, 6.515, 6.813

Name: _____

Add one set of parenthesis to each equation so that the equation is true.

(8 + 1) + 1 = 10	1 x (2 + 2) = 4
6 + 3 ÷ 3 = 3	6 + 3 ÷ 3 = 7
2 + 9 x 6 = 56	2 + 9 x 6 = 66
6 + 10 ÷ 2 = 11	4 + 6 x 10 = 64
3 + 11 + 6 - 3 = 17	10 - 2 + 10 x 8 = 88
10 + 4 x 8 + 8 = 120	3 ÷ 3 + 2 + 11 = 14
7 x 4 + 7 - 7 = 70	12 + 10 ÷ 2 x 9 = 99
12 + 12 - 12 + 6 = 18	8 + 10 - 7 + 11 = 22
2 + 9 x 4 ÷ 3 = 14	11 + 2 + 1 x 8 = 21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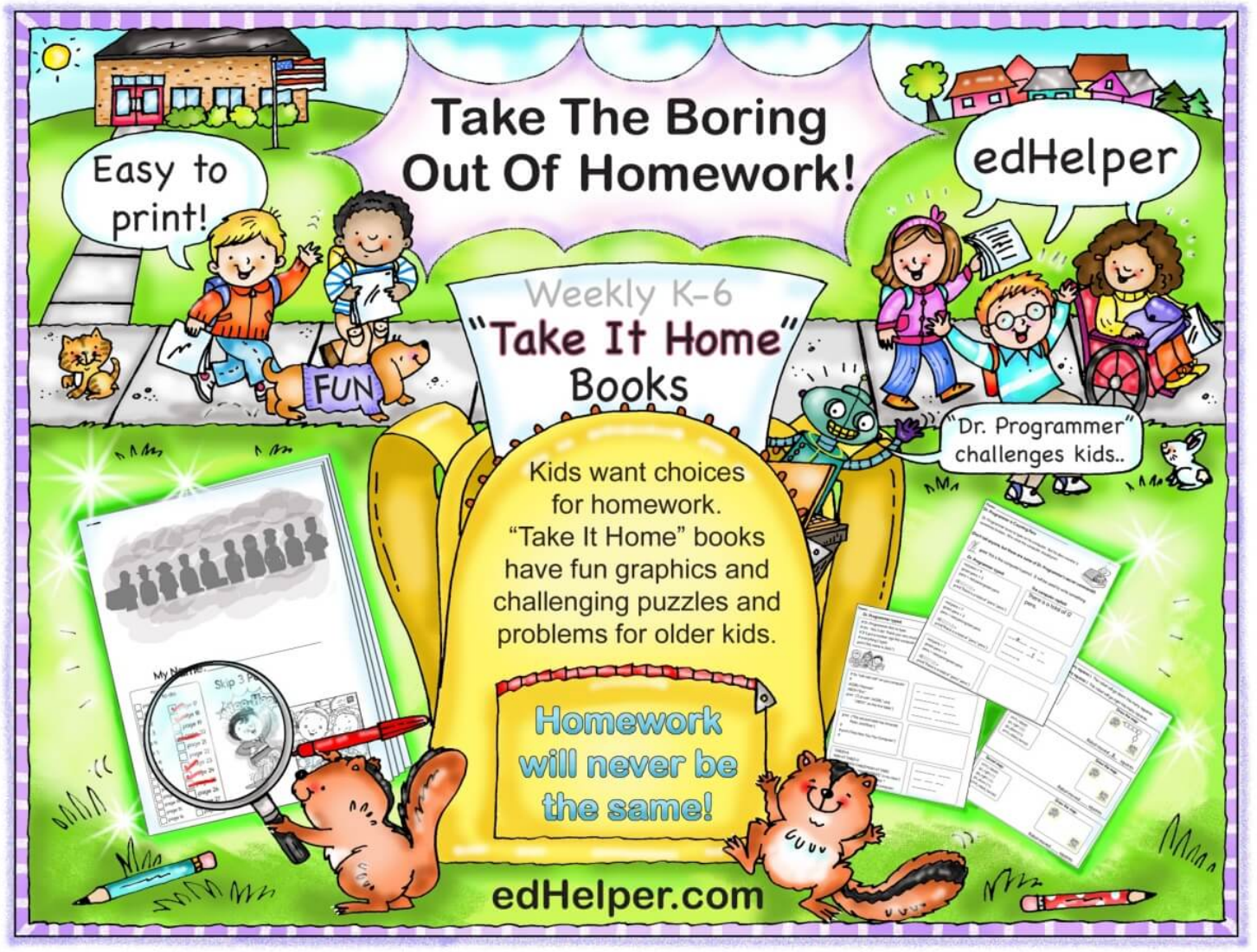
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