

Name: \_\_\_\_\_

Complete each pattern. Write what the rule is.

2	18	162	1,458	13,122	118,098
5	35	245		12,005	84,035
8	40	200	1,000		25,000
4		256	2,048		131,072

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

5667, 6675, 6756, 7566, 5667, 6675, 6756,  
7566, 5667, 6675, 6756, 7566, 5667, \_\_\_\_\_

875989, 759898, 598987, 989875, 898759, 987598, 875989,  
759898, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 875989, 759898

Name: \_\_\_\_\_

13	-1		+35		+7		+5		+3
	+24		-6		+72		-39		-11
+13									
	-18		+22	82	-70		-34	15	

72	-4		-37			+9		-7
				-5				42
	+33		-21					+27
+48						-19		
								-2
-1						+3		-62
85	-29		-2	54	+8		5	



Name: \_\_\_\_\_

Ready for a challenge? See how long this takes.

My starting time: \_\_\_\_\_ : \_\_\_\_\_ and \_\_\_\_\_ seconds.

My ending time: \_\_\_\_\_ : \_\_\_\_\_ and \_\_\_\_\_ seconds.

$$\begin{array}{r} 129 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 979 \\ + 83 \\ \hline \end{array}$$

$$\begin{array}{r} 440 \\ - 79 \\ \hline \end{array}$$

$$\begin{array}{r} 261 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 738 \\ - 83 \\ \hline \end{array}$$

$$\begin{array}{r} 396 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 295 \\ - 73 \\ \hline \end{array}$$

$$\begin{array}{r} 899 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 120 \\ + 91 \\ \hline \end{array}$$

$$\begin{array}{r} 352 \\ - 79 \\ \hline \end{array}$$

$$\begin{array}{r} 728 \\ - 56 \\ \hline \end{array}$$

$$\begin{array}{r} 679 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 431 \\ + 90 \\ \hline \end{array}$$

$$\begin{array}{r} 115 \\ + 88 \\ \hline \end{array}$$

$$\begin{array}{r} 661 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 672 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 673 \\ + 93 \\ \hline \end{array}$$

$$\begin{array}{r} 709 \\ + 59 \\ \hline \end{array}$$

$$\begin{array}{r} 984 \\ - 88 \\ \hline \end{array}$$

$$\begin{array}{r} 469 \\ + 41 \\ \hline \end{array}$$

Name: \_\_\_\_\_

Amy wants to go to the juggling show. Tickets cost \$1.50. She has 3 quarters and 4 nickels. How much more money does she need?

Write four words to describe these puppets.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_



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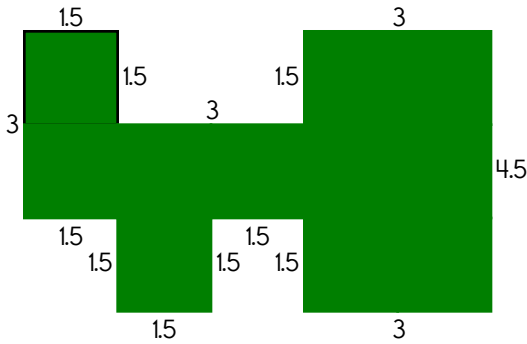
Calculate the product of 5 and 3.

\_\_\_\_\_

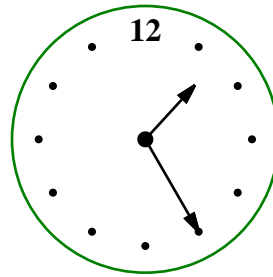
$1 \times 9 = \underline{\quad}$

$$\begin{array}{r} 12 \\ 11 \\ + 13 \\ \hline \end{array}$$

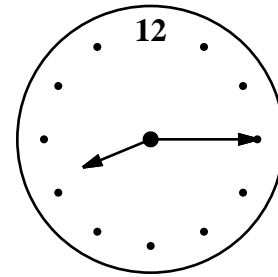
Name: \_\_\_\_\_



The perimeter is \_\_\_\_\_.



current time (pm)



time party starts (pm)

How long until the party? \_\_\_\_\_

Do you use A.M. or P.M. to write the time you eat dinner?

\_\_\_\_\_

How do you know if a number is divisible by 3? Use this trick.

$$57,588,894 \quad \underline{5} + \underline{7} + \underline{5} + \underline{8} + \underline{8} + \underline{8} + \underline{9} + \underline{4} = \boxed{\quad} \boxed{\quad}$$

$\boxed{\quad} + \boxed{\quad} = \underline{\quad}$  Is that a multiple of 3? Circle if it is: 3 6 9 12 15

Circle one: 57,588,894 is divisible by three      57,588,894 is not divisible by three

$$384,285 \quad \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \boxed{\quad} \boxed{\quad}$$

$\boxed{\quad} + \boxed{\quad} = \underline{\quad}$  Is that a multiple of 3? Circle if it is: 3 6 9 12 15

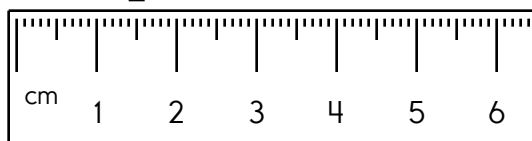
Circle one: 384,285 is divisible by three      384,285 is not divisible by three

How many seconds are in four minutes?

\_\_\_\_\_

Write the length in centimeters.

\_\_\_\_\_



$$9 \overline{)18}$$

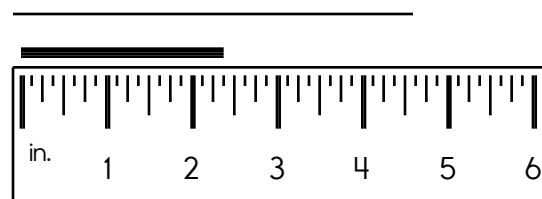
Name: \_\_\_\_\_

Some vowels are missing in the word search.  
Fill in the missing vowels and circle the words.

P	P	T	H	□	N	G	A	H	T
□	T	L	P	□	□	N	□	O	S
L	I	O	A	W	R	□	T	□	C
L	□	M	P	□	R	T	□	N	T
D	□	S	C	□	P	L	□	N	□
T	S	X	W	D	T	H	□	M	B
P	L	□	□	S	□	R	□	E	T
N	A	N	A	I	L	P	L	□	S
L	H	□	L	P	L	□	S	S	O
H	□	□	S	□	H	□	L	D	A

PILL • HELPLESS • THUMB  
HOUSEHOLD • PIANO • PLEASURE  
WROTE • THING • DISCIPLINE • NAIL  
PLUS • IMPORTANT

Write the length in inches.



How many feet are in four yards?

\_\_\_\_\_

**What Words? Your Words!**

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Once you use a letter, cross it off on the bottom. You cannot use the same letter more than once.

Make a Word

Sum

	1	2	6	
K	E	P	T	

3
---

1	2	4	6	10	16	22
□	O	□	□	□	□	□

□
---

A B C D ~~E~~ F G H I J ~~K~~ L M  
N ~~O~~ ~~P~~ Q R S ~~T~~ U V W X Y Z

Make a Word

Sum

1	2	4	8
B	L	□	□

□
---

1	2
A	C

□
---

~~A~~ ~~B~~ ~~C~~ D E F G H I J K ~~L~~ M  
N O P Q R S T U V W X Y Z

Name: \_\_\_\_\_

$$\begin{array}{r} 57,324 \\ - 416 \\ \hline \end{array}$$

$$\begin{array}{r} 55,106 \\ - 178 \\ \hline \end{array}$$

$$\begin{array}{r} 79,982 \\ + 432 \\ \hline \end{array}$$

$$\begin{array}{r} 77,607 \\ + 3,800 \\ \hline \end{array}$$

$$\begin{array}{r} 50,428 \\ - 2,012 \\ \hline \end{array}$$

$$\begin{array}{r} 83,017 \\ + 3,042 \\ \hline \end{array}$$

$$\begin{array}{r} 80,949 \\ + 58,485 \\ \hline \end{array}$$

$$\begin{array}{r} 143,661 \\ - 53,151 \\ \hline \end{array}$$

$$\begin{array}{r} 120,189 \\ - 89,711 \\ \hline \end{array}$$

$$\begin{array}{r} 42,780 \\ + 97,670 \\ \hline \end{array}$$

$$\begin{array}{r} 89,553 \\ - 34,433 \\ \hline \end{array}$$

$$\begin{array}{r} 36,070 \\ + 34,752 \\ \hline \end{array}$$

$$\begin{array}{r} 41,986 \\ + 52,978 \\ \hline \end{array}$$

$$\begin{array}{r} 111,040 \\ - 20,695 \\ \hline \end{array}$$

$$\begin{array}{r} 66,541 \\ + 87,483 \\ \hline \end{array}$$

$$\begin{array}{r} 98,113 \\ + 46,449 \\ \hline \end{array}$$

$$\begin{array}{r} 121,782 \\ - 22,810 \\ \hline \end{array}$$

$$\begin{array}{r} 74,944 \\ - 23,559 \\ \hline \end{array}$$

$$\begin{array}{r} 90,603 \\ + 31,494 \\ \hline \end{array}$$

$$\begin{array}{r} 64,323 \\ - 39,036 \\ \hline \end{array}$$

$$\begin{array}{r} 74,050 \\ + 83,196 \\ \hline \end{array}$$

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

$$\begin{array}{r} + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 6 \\ \hline 16 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} - 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} - 7 \\ \hline \square \end{array}$$

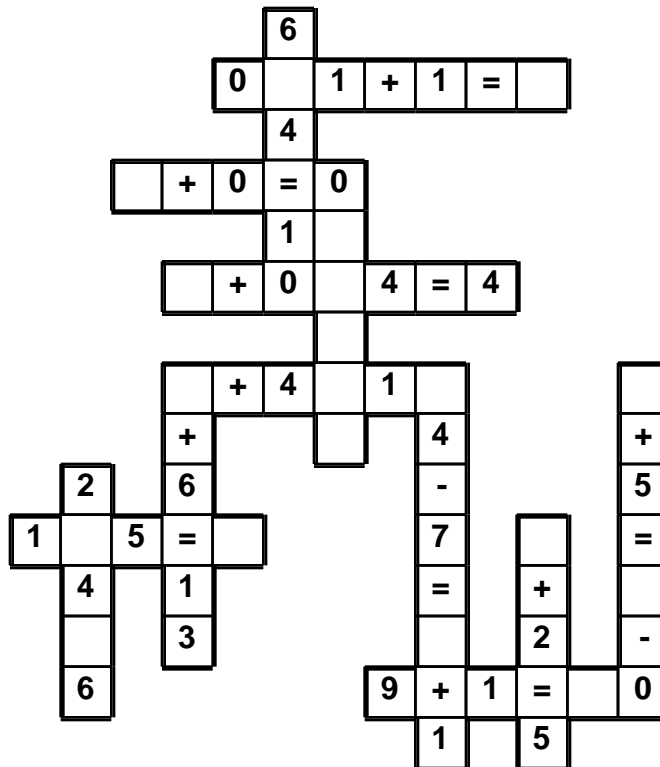
$$\begin{array}{r} + 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 7 \\ \hline 34 \\ + \square \\ \hline 38 \\ - 2 \\ \hline \square \end{array}$$

Name: \_\_\_\_\_

+ • 2 • 0 • 3 • 0 • + • 3 • 7 • = • 1 • 0 • 6 • + • 6 • 3 • 5  
= • 6 • 1

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



$$\begin{array}{r} 79 \\ + 46 \\ \hline \end{array}$$

How many days are in July?

\_\_\_\_\_

When listing out the months of the year that have exactly 31 days, starting from January, which month is the third in this group?

\_\_\_\_\_

What number is one hundred thousand more than 7,971?

\_\_\_\_\_

Make a pattern.

Start with 40.

Subtract 5.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Name: \_\_\_\_\_

$56 \times 10 =$

$74 \times 10 =$

$73 \times 100 =$

$95 \times 100 =$

$61 \times 1,000 =$

$81 \times 100 =$

$93 \times 1,000 =$

$84 \times 100 =$

$81 \times 1,000 =$

$68 \times 10 =$

$37 \times 100 =$

$33 \times 1,000 =$

$\_\_\_\_\_\_ \times 100 = 5,700$

$33 \times \_\_\_\_\_\_ = 330$

$89 \times \_\_\_\_\_\_ = 89,000$

$\_\_\_\_\_\_ \times 100 = 7,200$

$\_\_\_\_\_\_ \times 10 = 530$

$66 \times \_\_\_\_\_\_ = 66,000$

$\_\_\_\_\_\_ \times 1,000 = 69,000$

$51 \times \_\_\_\_\_\_ = 5,100$

$\_\_\_\_\_\_ \times 10 = 540$

$\_\_\_\_\_\_ \times 100 = 8,400$

$32 \times \_\_\_\_\_\_ = 3,200$

$86 \times \_\_\_\_\_\_ = 86,000$

$\_\_\_\_\_\_ \times 1,000 = 64,000$

$\_\_\_\_\_\_ \times 1,000 = 33,000$

$72 \times \_\_\_\_\_\_ = 7,200$

Name: \_\_\_\_\_

$40 \div 8 =$

$8 \div 8 =$

$8 \div 2 =$

$16 \div 4 =$

$14 \div 2 =$

$36 \div 4 =$

$56 \div 8 =$

$48 \div 8 =$

$32 \div 8 =$

$24 \div 4 =$

$8 \div 8 =$

$28 \div 4 =$

$4 \div 4 =$

$2 \div 2 =$

$56 \div 8 =$

$24 \div 8 =$

$64 \div 8 =$

$8 \div 4 =$

$20 \div 4 =$

$12 \div 4 =$

$32 \div 4 =$

$16 \div 2 =$

$12 \div 2 =$

$16 \div 4 =$

$4 \div 2 =$

$20 \div 4 =$

$72 \div 8 =$

$10 \div 2 =$

$4 \div 2 =$

$2 \div 2 =$

$18 \div 2 =$

$8 \div 4 =$

$16 \div 8 =$

$6 \div 2 =$

$12 \div 2 =$

$32 \div 4 =$

$10 \div 2 =$

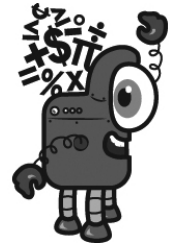
$16 \div 2 =$

$64 \div 8 =$

Name: \_\_\_\_\_

Mental Math

— #1 —



◆ Start with the number 506.

506

◆ Add the number of days in a week.

5 8 5 1 3 8 7 7 9 8 (Circle your answer to double check you are correct.) \_\_\_\_\_

◆ Add 2 tens.

3 5 3 3 6 6 4 8 2 5 \_\_\_\_\_

◆ Add the digits in your number. The sum of that is your new number.

9 1 1 3 6 1 1 8 5 1 \_\_\_\_\_

◆ Add the number of nickels in a dollar.

2 1 5 7 4 3 3 1 1 7 \_\_\_\_\_

◆ Add 2 hundreds.

2 3 1 4 2 0 7 6 6 7 \_\_\_\_\_

◆ Add the number of legs on 6 chickens.

8 0 1 2 4 3 6 1 3 9 \_\_\_\_\_

◆ Add a dozen.

6 0 8 7 2 5 5 9 9 7 \_\_\_\_\_

◆ Add 3 hundreds.

6 6 5 5 5 8 8 9 5 2 \_\_\_\_\_

◆ Add the number of dimes in a dollar.

6 2 7 9 3 5 5 6 5 3 \_\_\_\_\_

◆ Add the number of inches in 2 feet.

2 5 1 4 3 5 8 9 8 5 \_\_\_\_\_

Name: \_\_\_\_\_

If the following numbers were in order from least to greatest, what is the middle number?

600, 175, 450, 475, 375, 525, and 500

- A) 450
- B) 475
- C) 500
- D) 525

$$6303 + 6,108 =$$

- A) 12,431
- B) 12,411
- C) 12,401
- D) 22,111

Michael's bedroom is exactly 15 feet by 20 feet. If Michael wants to put a carpet on the floor, how much carpeting is needed?

- A) 300 square feet
- B) 35 square feet
- C) 220 square feet
- D) None of the above

$$7 \times 38 =$$

- A) 221
- B) 266
- C) 2,982
- D) 261

A diagram includes ten hexagons, seven circles, ten decagons, seven squares, and six line segments. How many polygons are in the diagram?

- A) 40
- B) 17
- C) 7
- D) 27

$$8 \times 45 =$$

- A) 325
- B) 360
- C) 350
- D) None of the above

Name: \_\_\_\_\_

$$\begin{array}{r} 86 \\ X \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ X \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ X \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ X \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ X \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5850 \\ X \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5403 \\ X \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7406 \\ X \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ X 94 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ X 13 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ X 48 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ X 74 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ X 84 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ X 19 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ X 38 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ X 46 \\ \hline \end{array}$$

Name: \_\_\_\_\_

$\frac{1}{2}$					$\frac{1}{2}$				
$\frac{1}{3}$			$\frac{1}{3}$			$\frac{1}{3}$			
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$			
$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$			
$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$			
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$		
$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	

Compare.

$\frac{1}{3}$ ○ $\frac{1}{2}$	$\frac{2}{4}$ ○ $\frac{2}{3}$	$\frac{1}{5}$ ○ $\frac{5}{9}$	$\frac{5}{10}$ ○ $\frac{5}{7}$
$\frac{5}{10}$ ○ $\frac{1}{2}$	$\frac{8}{9}$ ○ $\frac{5}{10}$	$\frac{2}{5}$ ○ $\frac{2}{7}$	$\frac{1}{2}$ ○ $\frac{1}{4}$
$\frac{8}{9}$ ○ $\frac{7}{10}$	$\frac{1}{2}$ ○ $\frac{2}{3}$	$\frac{4}{5}$ ○ $\frac{2}{4}$	$\frac{8}{10}$ ○ $\frac{4}{5}$
$\frac{3}{4}$ ○ $\frac{4}{5}$	$\frac{2}{5}$ ○ $\frac{4}{10}$	$\frac{2}{10}$ ○ $\frac{1}{7}$	$\frac{6}{7}$ ○ $\frac{6}{9}$
$\frac{1}{7}$ ○ $\frac{1}{2}$	$\frac{6}{10}$ ○ $\frac{3}{5}$	$\frac{3}{7}$ ○ $\frac{1}{2}$	$\frac{2}{3}$ ○ $\frac{3}{4}$
$\frac{2}{5}$ ○ $\frac{2}{4}$	$\frac{6}{9}$ ○ $\frac{2}{3}$	$\frac{1}{3}$ ○ $\frac{1}{5}$	$\frac{5}{10}$ ○ $\frac{3}{9}$

Name: \_\_\_\_\_

Each box needs a number from 1 to 9. You may re-use numbers.

	sum of 6 →	2			sum of 6 ↓	sum of 8 ↓	sum of 3 ↓
			sum of 9 ↓	sum of 7 →		4	1
sum of 8 →				sum of 9 ↓		3	
sum of 9 ↓		sum of 9 ↓				1	
	sum of 8 →	1					
			sum of 8 →				
	sum of 7 →				sum of 5 →		
				sum of 9 →			

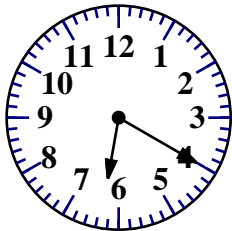
sum of 7 →	2	2	3	sum of 6 →	1		
sum of 5 ↓			sum of 7 ↓	sum of 8 ↓	sum of 5 ↓	sum of 7 ↓	
	sum of 3 ↓						
		sum of 10 ↓					sum of 7 ↓
		3		3	sum of 10 ↓		
sum of 5 →							
				sum of 4 →			
			sum of 6 →				

In the equation  $25 \times 336 = 8,400$ , which number is the product?

Eric earns \$19 an hour. He worked 4 hours. How much did he make?

$$11 \times 5 - 7 + 4$$

Draw a small clock that shows 20 minutes past 6:00.



Write the first 7 multiples of 4.

Double the number 6 three times.

What is the homophone of this word?  
feat

\_\_\_\_\_

Name: \_\_\_\_\_

Each box needs a number from 1 to 9. You may re-use numbers.

sum of 8 ↓		sum of 5 →					
	sum of 8 ↓	sum of 6 ↓		sum of 5 →			
			sum of 9 ↓				sum of 4 ↓
	2				sum of 9 →		2
sum of 9 →							1
					sum of 6 →		1
			sum of 14 →	6			
sum of 7 →		3		sum of 9 →			

	sum of 7 ↓	sum of 10 ↓	sum of 6 →				
sum of 3 ↓			sum of 6 →				
			sum of 7 ↓	sum of 10 ↓	sum of 9 →	3	
		sum of 8 →					
		sum of 5 →		2		sum of 9 ↓	sum of 7 ↓
	sum of 10 →					2	
				sum of 11 →	4	6	1
sum of 5 →		1		sum of 7 →		1	

<p>What is the range of these numbers?</p> <p>25, 19, 18, 27, 23, 27</p> <p>_____</p>	$\begin{array}{r} 26 \\ + 90 \\ \hline \end{array}$	<p>Fill in the missing fractions.</p> <p>_____ , <math>\frac{2}{7}</math> , <math>\frac{3}{7}</math> , _____</p>
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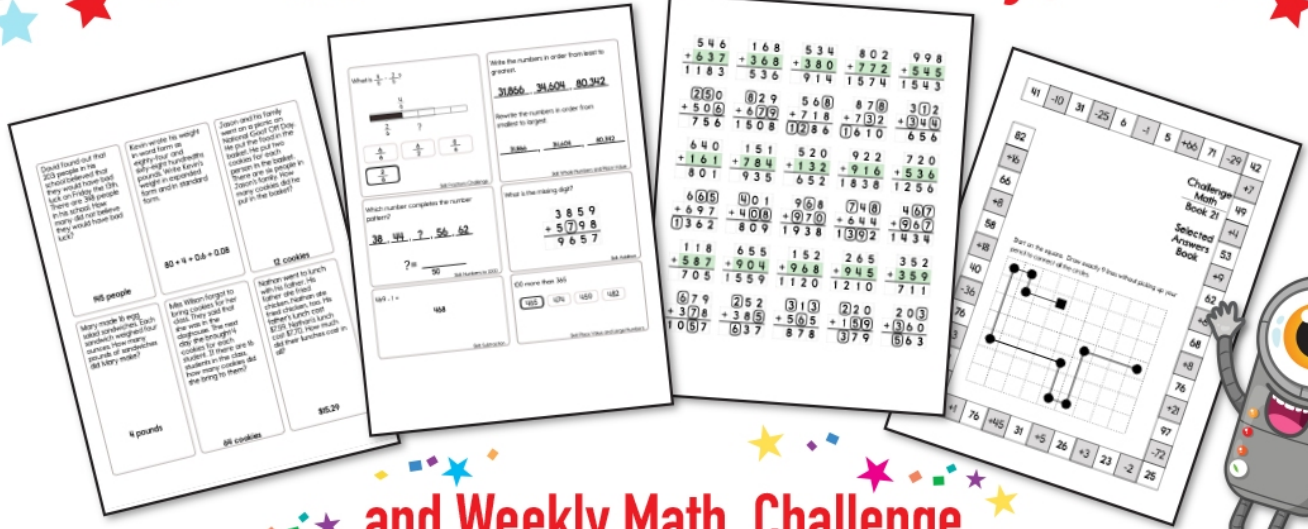
Count by 2s.

6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

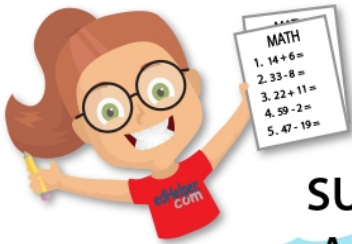
Draw ONE continuous line that touches every box ONCE.  
Count by 2s. Find the box with the number 6. Move up, down, right, or left.  
Keep counting until you reach 36. Do not move into a spot with a ghost.

	36					
			6	8	10	
		---				

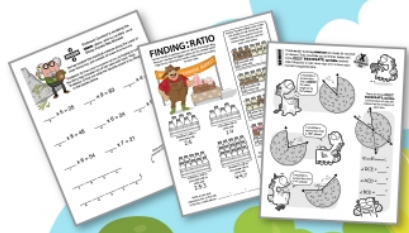
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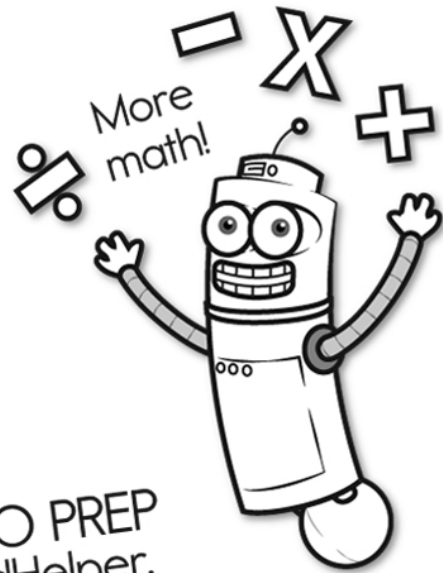
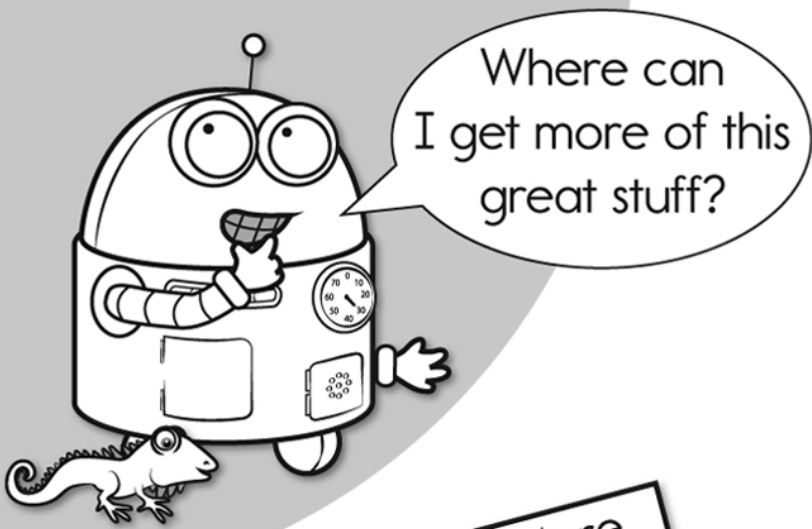
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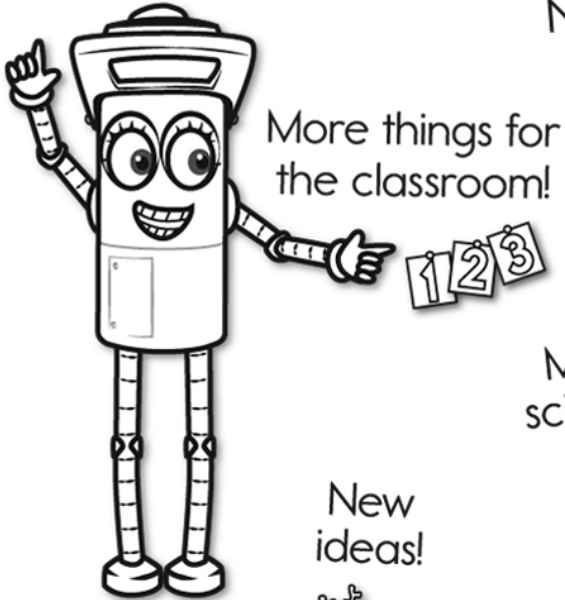
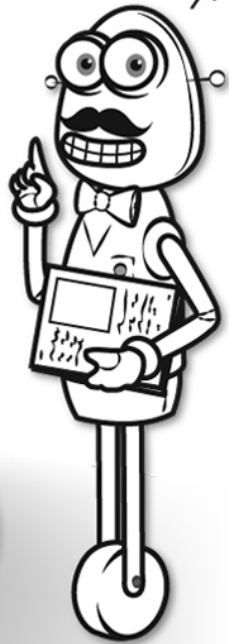
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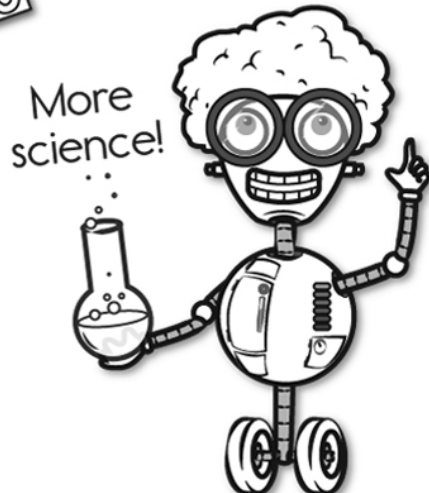


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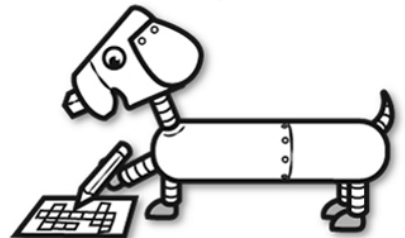


1 2 3



x  
+ =  
- ÷ < - >

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