

Name: _____

$$5 \overline{) 6790}$$

Divide and write remainder.

Find the difference
between 5,159 and 4,471.

$$93 \overline{) 868}$$

Divide and write remainder.

$$\begin{array}{r} 849 \\ 635 \\ + 167 \\ \hline \end{array}$$

$$3 \overline{) 759}$$

Divide and write remainder.

$$\begin{array}{r} 9,306 \\ 693 \\ + 788 \\ \hline \end{array}$$

$$20 \overline{) 7223}$$

Divide and write remainder.

2,580 is how much more
than 373?

$$752 + 44 =$$

Name: _____

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

5

2

3

4

3

The product of a 2-digit number and a 1-digit number is 115. Write the equation.

$$\frac{1}{2}$$

$$\frac{2}{6}$$

$$\frac{3}{5}$$

$$\frac{3}{8}$$

$$\frac{3}{7}$$

Name two of the above numbers that have a difference of $\frac{4}{15}$.

This fraction is not in simplest form. To reduce this fraction to simplest form you need to divide both the numerator and denominator of this fraction by thirteen. If you multiply the numerator by 2, the numerator would be 26. What is this fraction?

Name: _____

Nathan decided to run one mile every 5 days. Adam decided to run two miles every 3 days. If they both start on Sunday, March 15, when will they both run on the same day again?

Ms. Martin is packaging TV dinners. She can choose turkey, ham, or beef for the main part of the meal, and she can choose green beans, carrots, or mixed vegetables for the vegetable section. How many different dinners can she package?

The sum of two numbers is $43\frac{1}{3}$.

If you take the first number and subtract it by the second, the difference is 8.

What are the two numbers?

Maria can't wait for her friend to visit.

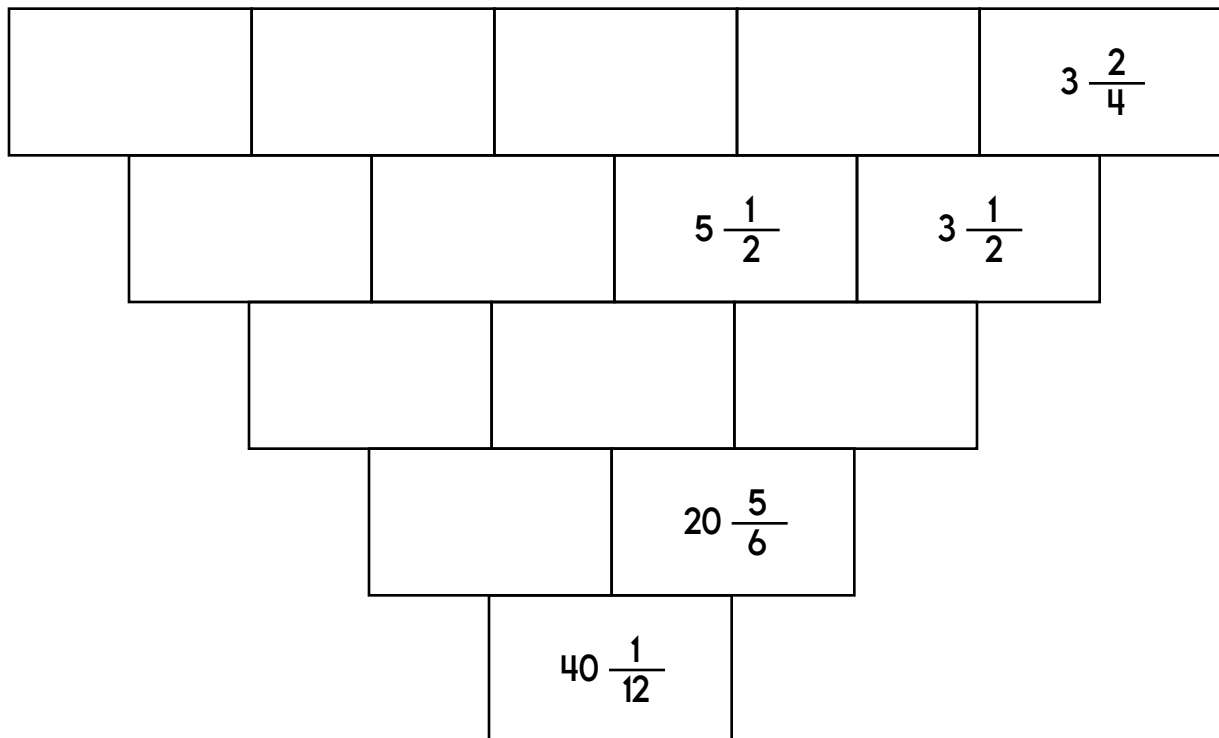
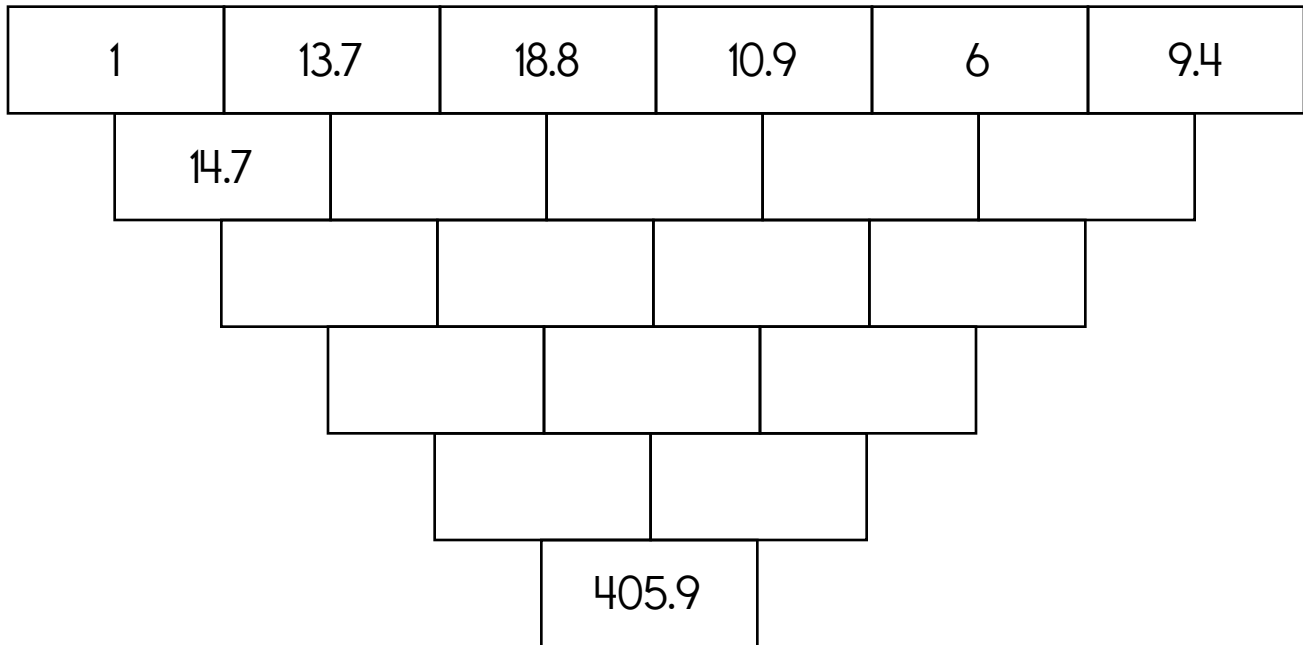
"As soon as you leave the airport, drive 33 miles to exit 5," says Maria.

"I don't think you mean miles. They use kilometers here," says Jenna.

Help Maria tell Jenna how many kilometers to drive. Use 1 mile = 1.6 kilometers.

Name: _____

The block below is the sum of the two blocks above. Fill in the missing blocks.



$$\begin{array}{r} 14.3 \\ + 5.83 \\ \hline \end{array}$$

$$\begin{array}{r} 554 \\ + 41 \\ \hline \end{array}$$

Find 75% of 192.

Name: _____

Circle the digit in the hundredths place. 37.8181	$4 \times 6 =$ _____	1 kg = 1,000 g
		11 kg = _____ g

Amy rolls a die. What is the chance of her rolling a 4?

$18 \div 6 =$ _____

$6 \div 2 =$ _____

$$\begin{array}{r} 71 \\ - 23 \\ \hline \end{array}$$

The number 4774 is a palindrome. Any number which reads the same in both directions is a palindrome number.

Amanda is thinking of a palindrome number.

The number is less than 80,000.

The sum of the first three digits in the number is 15.

The number has 5 digits.

The number is greater than 70,000.

The digits, 771, are a part of the number in this exact order.

What is her number?

Connor took three whole numbers greater than 1 and multiplied them. One number was seven and the other number was twenty. Of course, he forgot the last number, but he remembered the product was 181. Is this possible?

$$\begin{array}{r} 499 \\ - 451 \\ \hline \end{array}$$

$$\begin{array}{r} 368 \\ + 375 \\ \hline \end{array}$$

For 933,415,686,221, write the digit that is in the hundred thousands place.

$88,581 - 58,217 =$ _____

23 cm = _____ mm

Circle the smallest number:
538,106 9,247,159,304
76,284,520,189 63,709

Name: _____

3 • 7 • 2 • 4 • + • + • 8 • 9 • 1 • 1 • 8 • ÷ • 2 • = • 9 • 5
9 • 5 • 8 • 9

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

The puzzle grid contains the following elements:

- Vertical path 1 (left): 7, x, 4, =, 2
- Vertical path 2 (right): 5, ÷, =, 0, +, 2
- Horizontal path 1 (top): 5, -, 8, - 5
- Horizontal path 2 (middle): 0, +, 4, =
- Horizontal path 3 (middle): 7, =, 7, 2
- Horizontal path 4 (middle): x, 6, =, 9
- Horizontal path 5 (middle): 6, 0, ÷
- Horizontal path 6 (bottom): 7, x, =, 3, 5
- Horizontal path 7 (bottom): 1, ÷, 6, =, 3
- Vertical path 3 (left): 2, 7, =, 7, 2
- Vertical path 4 (right): 5, =, 0, +, 2
- Vertical path 5 (middle): x, 6
- Vertical path 6 (right): =, 9
- Vertical path 7 (left): 5, 6
- Vertical path 8 (left): 7, x, =, 3, 5
- Vertical path 9 (right): 0, ÷, 1
- Vertical path 10 (left): =, 2, 5
- Vertical path 11 (right): 1, ÷, 6, =, 3
- Vertical path 12 (right): 3, =, 3

$2 \times 8 =$ _____

$33 \div 11 =$ _____

How many ounces are in 3 pounds?
_____ ounces

$8 \times 8 =$ _____

$$\begin{array}{r} 44 \\ + 43 \\ \hline \end{array}$$

Write the numbers 50 to 70 on a sheet of paper. How many of these numbers are divisible by 8?

Name: _____

4 • 5 • x • 4 • 0 • x • 1 • x • 6 • = • 6 • 8 • 1 • 6 • 6 • ÷
7 • 8 • =

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

The puzzle grid contains the following numbers and symbols:

- Row 1: 0, 3
- Row 2: 4, x, =, 1, 6
- Row 3: 0, 8, ÷
- Row 4: 9, =, 4, 5
- Row 5: 1, =, 9
- Row 6: 2, 2
- Row 7: 2, 0, ÷, =, 8
- Row 8: ÷, 1, 0, 1
- Row 9: 2, 4, 6, ÷, 1, =
- Row 10: =, ÷, 9
- Row 11: 5, =, 8
- Row 12: x, 1, 8
- Row 13: =, 9
- Row 14: 2

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

L	U	M	P	
---	---	---	---	--

3

1 2 6 10 16 22

V	E					
---	---	--	--	--	--	--

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 6 12 18

B	L	U				
---	---	---	--	--	--	--

1 2 4 6 8 12 16

		A				
--	--	---	--	--	--	--

~~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

word root **se** can mean **aside or apart**

secession, seclude, seclusion

Name: _____

Kaylee's family consists of Jacob, Ashley, Daniel, Alexis, Nathan, and Alexandra. They are Kaylee's mother, father, older brother, older sister, younger brother, and younger sister.

Name which person is the mother, father, older brother, older sister, younger brother, and younger sister.

1. Daniel is not Kaylee's older sister. He is also not Kaylee's younger brother.
2. Ashley is not Kaylee's father.
3. Nathan is not Kaylee's younger brother.
4. Ashley has no sisters.
5. Jacob is not Kaylee's younger sister.
6. Alexandra is not Kaylee's older brother. She is also not Kaylee's father.
7. Daniel is not Kaylee's father. He is also not Kaylee's older sister.
8. Alexis is younger than Kaylee.
9. Alexis likes to jog. She jogs every morning.

Jacob is Kaylee's _____.

Ashley is Kaylee's _____.

Daniel is Kaylee's _____.

Alexis is Kaylee's _____.

Nathan is Kaylee's _____.

Alexandra is Kaylee's _____.

$11 \times 8 =$

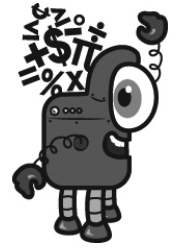
$2,639 + 1,831 =$ _____

$10 \times 12 =$ _____

Name: _____

Mental Math

— #1 —



☺ Start with the area of a square that has a length of 9.

81

☺ Multiply the tens digit by the ones digit. The product is your new number.

5 3 8 9 9 5 6 8 3 5 (Circle your answer to double check you are correct.)

☺ Increase that number by 13.

4 8 2 1 9 2 5 2 8 7

☺ Round that number to the nearest ten.

2 0 7 6 8 8 2 0 1 5

☺ Increase that number by 1.

3 0 8 2 1 4 7 6 5 0

☺ Find five-sevenths.

4 5 6 2 5 1 5 8 9 2

☺ Add the number of dimes in a dollar.

4 5 3 0 2 5 8 6 5 0

☺ Find three-fifths.

6 1 5 5 8 3 5 4 9 7

☺ Increase that number by 15.

3 0 2 3 7 0 3 1 1 2

☺ Divide that number in half.

7 1 5 9 5 7 1 9 3 4

☺ Multiply the tens digit by the ones digit. The product is your new number.

1 9 5 5 6 5 8 8 9 9

Name: _____

Find 2 equations hidden in each box. Good luck!

111
11
 $9 + 5 - 3$
 $(9 + 10) - 2$
 $7 + 4 - 6$
5
37
7

Write 2 equations: _____

$1 + 1 + 5$
 $2 + (9 - 1)$
 $(4 + 3) + 2$
11
 $7 + 3 + 2$
12
4
10

Write 2 equations: _____

$8 + 3 - 7$
 $11 \times (9 + 3)$
4
9
3
132

Write 2 equations: _____

Name: _____

Find 2 equations hidden in each box. Good luck!

$12 - 2 + 1$

$4 - 4 + 5$

5 82

$(10 \times 8) + 2$ $3 - 1 + 5$

Write 2 equations: _____

$12 \times 3 - 12$ $4 - 1 + 8$

11 $7 - 3 - 3$

$2 + 8 - 4$ 6

Write 2 equations: _____

$(8 - 2) - 7$ $4 + 8 - 2$

$(9 + 1) + 7$ $8 + (1 + 2)$

6 11 $8 + 5 \times 2$

$10 - 5 + 6$

Write 2 equations: _____

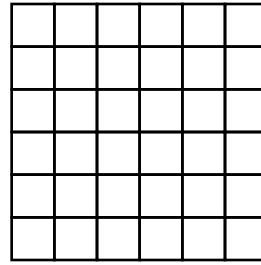
Name: _____

Express each percent as a fraction in simplest form.

40% =

5% =

93% =

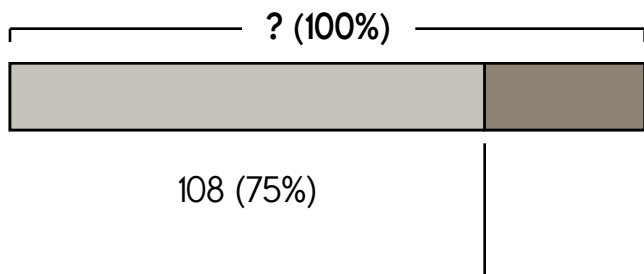


Color in one-sixth of the small squares.

_____ small squares are shaded.

_____ small squares are NOT shaded.

_____ % of the large square is shaded.



One ticket is being sold for each seat in the auditorium for the school play. So far, a total of 108 tickets have been sold or 75% of the total number of tickets. How many seats are in the auditorium?

In a survey of 200 kids, 64 of them have a bicycle. What percent of the kids in this survey have a bike?

What percent of the kids in this survey do not have a bike?

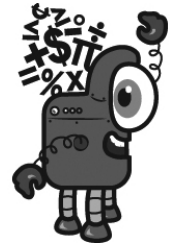
Name: _____

Mental Math

— #1 —

 Start with the number 445.

445



 Add the number of ounces in 2 pounds.

4 7 7 3 2 0 5 6 1 1 (Circle your answer to double check you are correct.)

 Subtract 17.

1 5 9 0 4 6 0 2 4 9

 Divide that number in half.

3 2 9 0 7 6 2 3 0 9

 Add two-thirds of a dozen.

4 1 2 3 8 5 6 1 3 0

 Add half of 56.

7 3 3 7 9 2 6 6 5 7

Mental Math

— #2 —

◆ Start with the sum of 12 and 11.

8 0 5 8 1 2 7 2 3 1 (Circle your answer to double check you are correct.)

◆ Increase that number by 23.

7 1 8 5 4 6 4 6 6 7

◆ Subtract the number of inches in 3 feet.

9 1 0 7 8 4 5 5 1 1

◆ Multiply by 7.

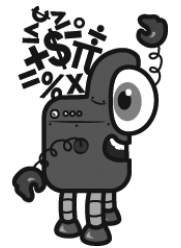
6 0 2 6 7 0 5 6 3 4

◆ Add half of 32.

6 5 7 5 9 7 2 8 6 9

◆ Add the number of pennies in a dollar.

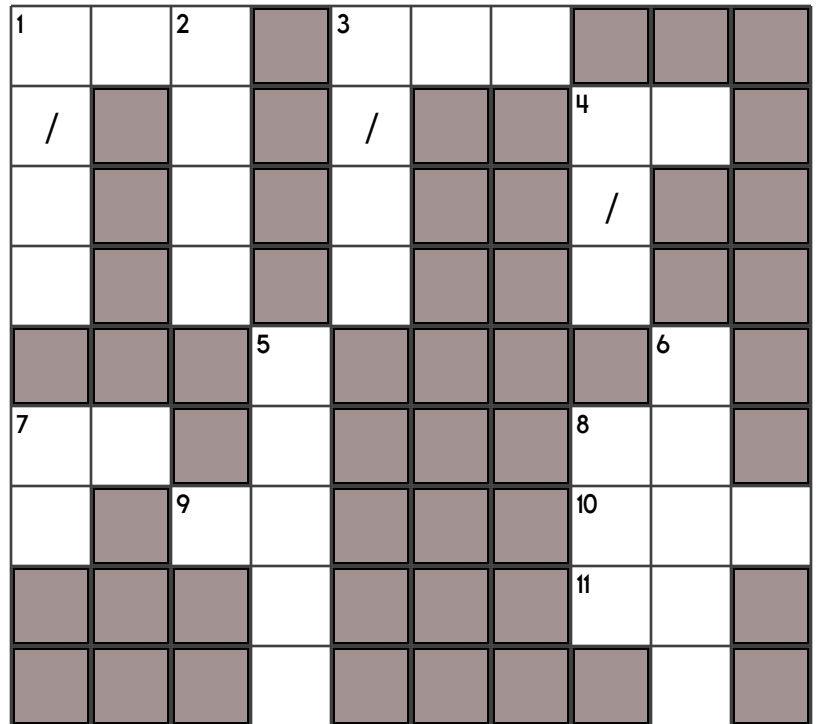
2 5 1 1 8 6 6 8 7 4



Name: _____

ACROSS

- 1 $7.25 = \underline{\quad} \%$
- 3 $685 - 7$
- 4 A straight line is split into two angles: 124° and $\underline{\quad}^\circ$.
- 7 $34 \frac{1}{2} \cdot 1 \frac{5}{69}$
- 8 $38 \div 2$
- 9 Solve for p:
 $4p + 13 = 285$
- 10 Two consecutive whole numbers add to 1755. What is the smaller of the two numbers?
- 11 Find g. $g + 2 = 88$



DOWN

- 1 Write this fraction in simplest form.
 $\frac{28}{388}$
- Write into 1 down:
 /
- 2 For a cube: length = 16 cm, width = 16 cm, height = 23 cm, volume = $\underline{\quad\quad\quad} \text{ cm}^3$

- 3 Write this fraction in simplest form.
 $\frac{12}{146}$

Write into 3 down:
 /

- 4 $\frac{1}{8} + \frac{2}{4}$ (lowest terms)

Write into 4 down:
 /

- 5 Solve for y.
 $\frac{2}{23} \cdot \frac{1}{2} = \frac{2}{y}$

a. answer: 4 6

$70 \div 10 \cdot 118$

b. answer: 8 2 6

Full 5 down answer:
 $\frac{4}{a} \frac{6}{a} \frac{8}{b} \frac{2}{b} \frac{6}{b}$

- 6 641, 693, 745, $\underline{\quad}$

a. answer:

In a game you can get 7 hearts for 16 stars. How many stars can you get for 28 hearts?

b. answer:

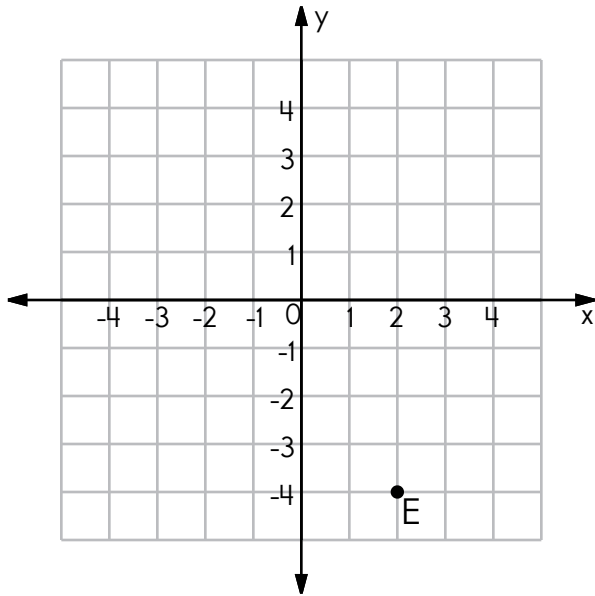
Full 6 down answer:

a a a b b

- 7 27, 30, 33, 36, $\underline{\quad}$

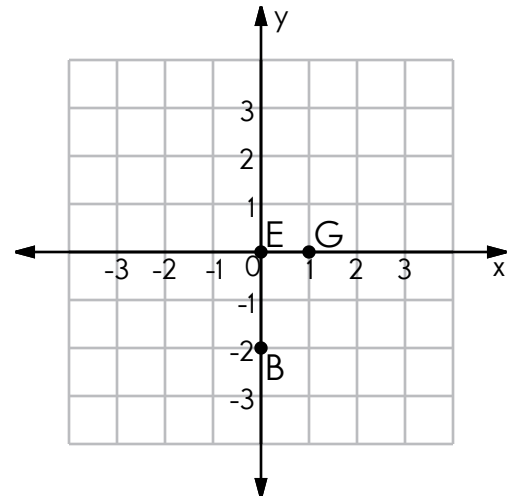
- 8 75% of a number is 141. What is the number?

Name: _____



Point E is in Quadrant IV.

The coordinates of E are _____.



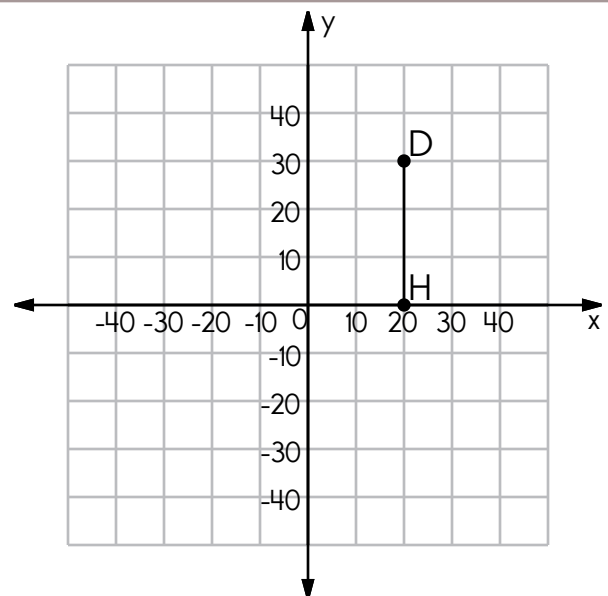
Point B lies on the _____.

Point G lies on the _____.

Point E is on the _____.

Two points are reflections of each other about the x-axis. One of the points is $(-10, 6)$. What is the other point?

Two points are reflections of each other about the y-axis. One of the points is $(-8, 3)$. What is the other point?

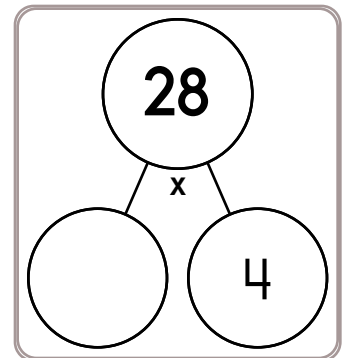
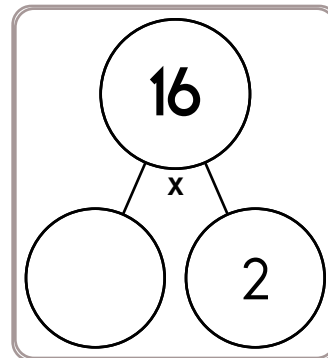
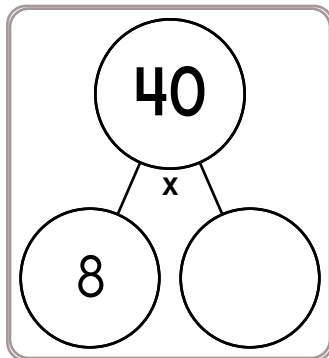
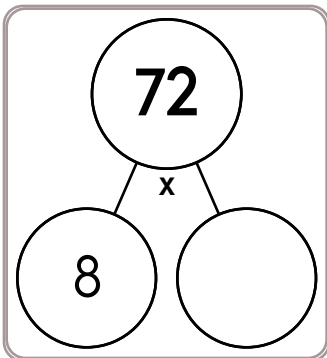
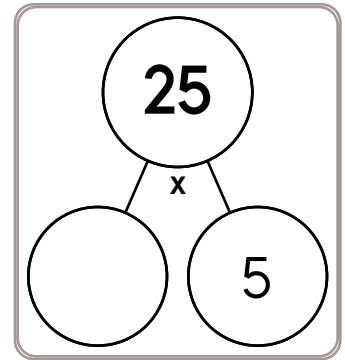
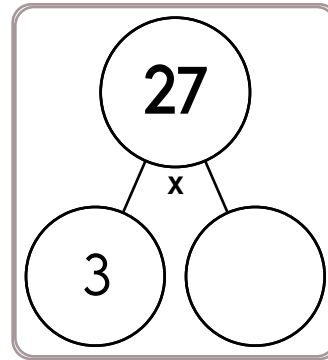
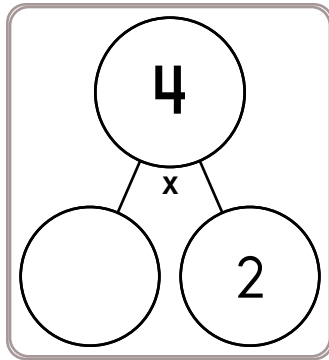
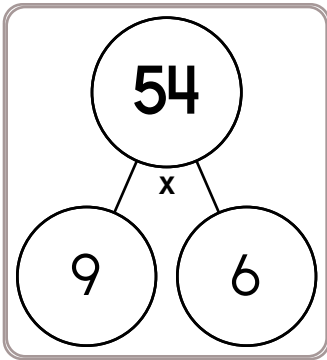


What is the length of \overline{HD} ?

_____ units

Draw a horizontal line with points C and B.
Your line should be 60 units in length.

Name: _____



$$\begin{array}{r} 33 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ - 3 \\ \hline \end{array}$$



$56 \div \underline{\quad} = 8$

$110 \div \underline{\quad} = 10$

$\underline{\quad} \div 9 = 4$

$\underline{\quad} \div 8 = 9$

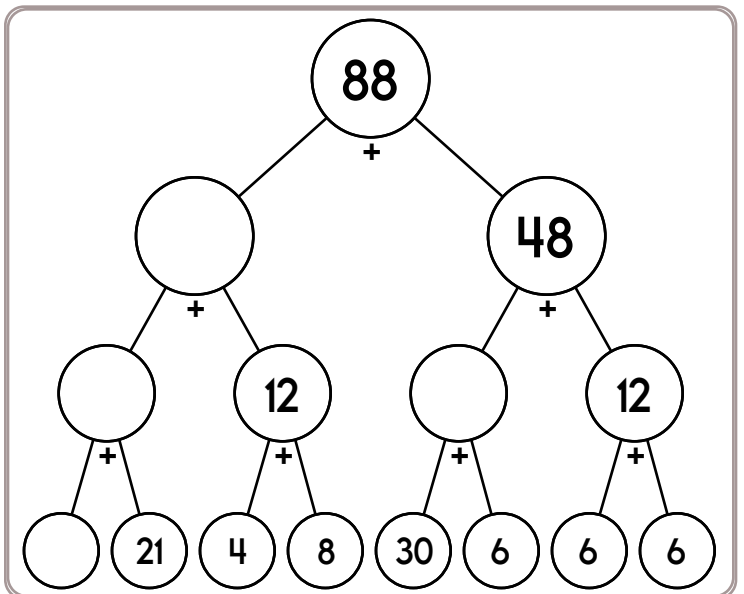
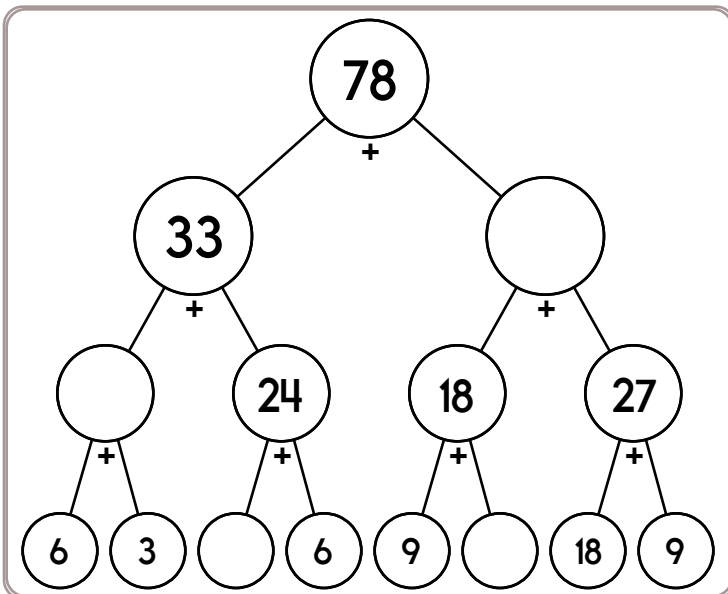
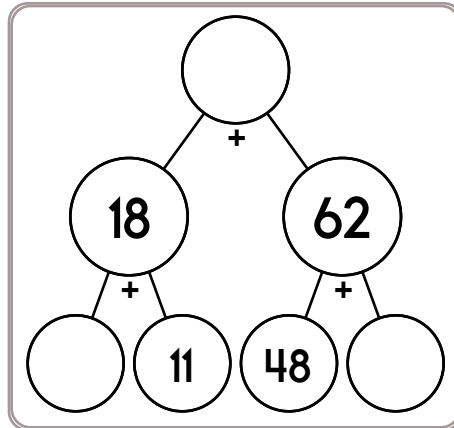
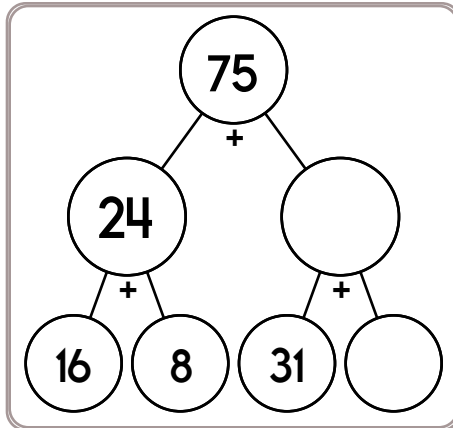
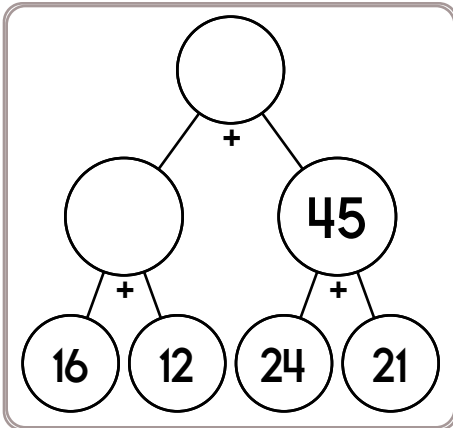
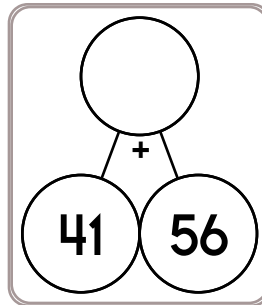
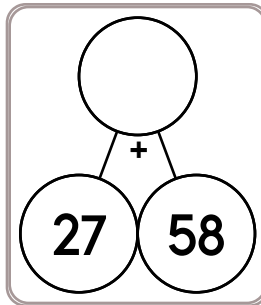
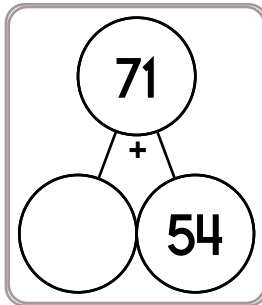
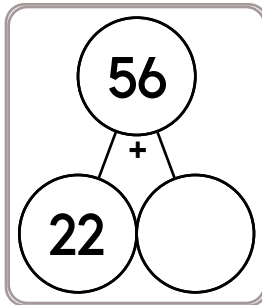
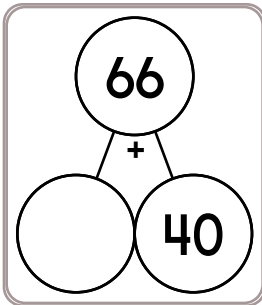
$27 \div \underline{\quad} = 3$

$120 \div \underline{\quad} = 12$

$\underline{\quad} \div 9 = 7$

$\underline{\quad} \div 9 = 2$

Name: _____



Write the decimal number for:

seven hundred forty-six
and one hundredth

Change 0.09 to a percent.

$$\begin{array}{r} \frac{8}{11} \\ + \frac{2}{11} \\ + \frac{8}{11} \\ \hline \end{array}$$

Name: _____

Can you draw lines to cover every number or shape in the picture?

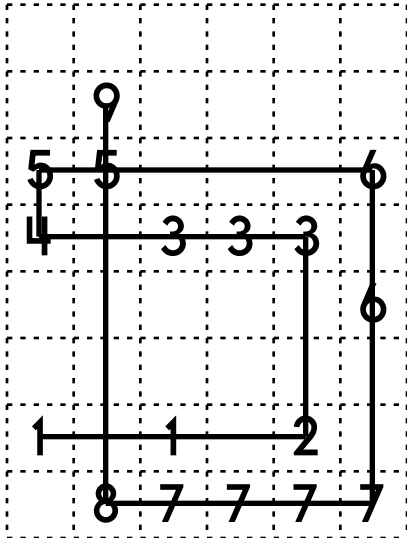
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

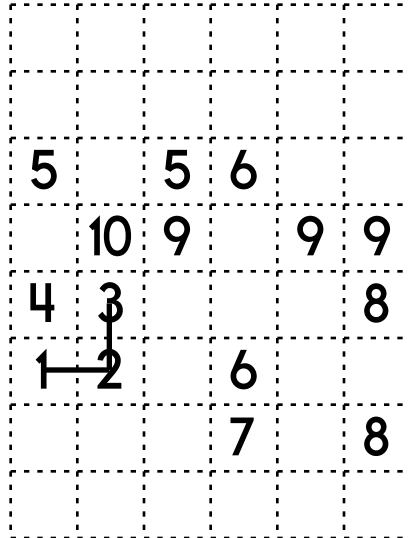
Do not pick up your pencil.



Draw exactly 9 lines.

Start on 1.

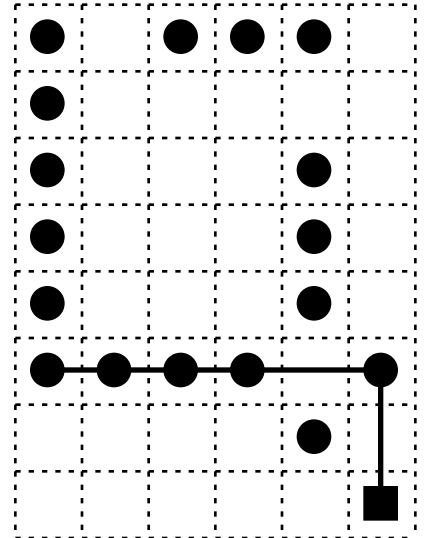
Do not pick up your pencil.



Draw exactly 5 lines.

Start on the square.

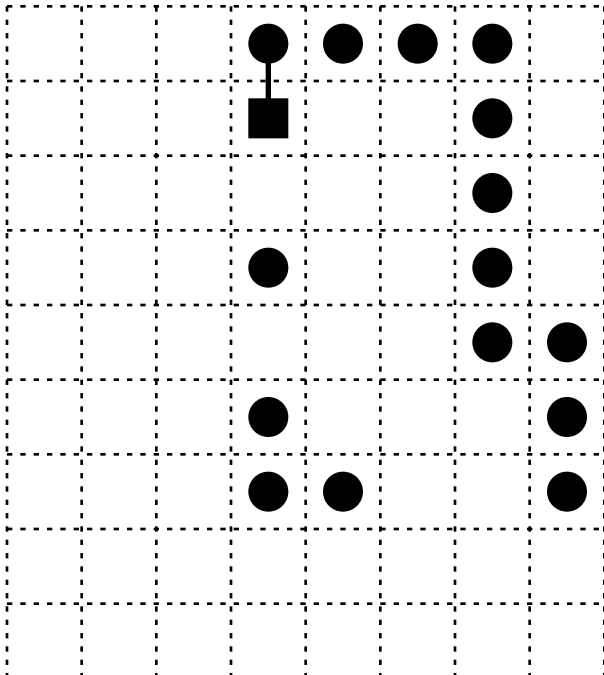
Do not pick up your pencil.



Draw exactly 7 lines.

Start on the square.

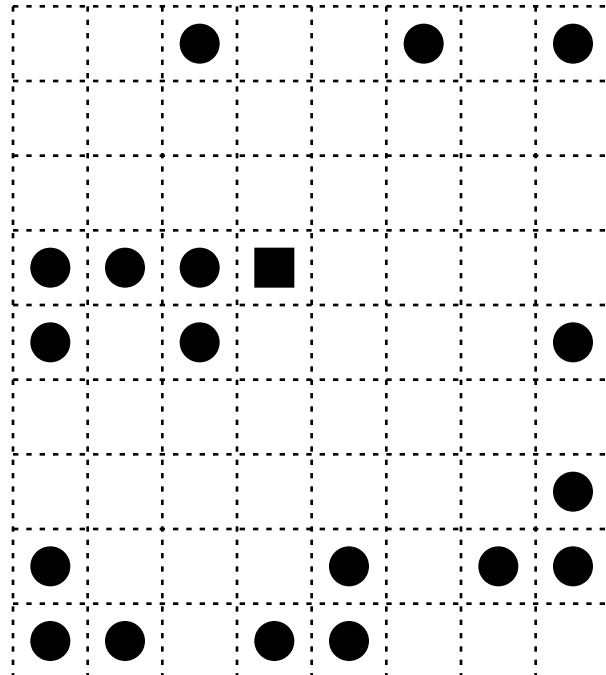
Do not pick up your pencil.



Draw exactly 9 lines.

Start on the square.

Do not pick up your pencil.



Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math



= Do it
in your
head!

imagine 6 in your head

multiply 10

subtract 6

Write the tens digit.

A

imagine 2 in your head

add 9

subtract 9

add 6

subtract 3

subtract 5

Write the number.

B

imagine 3 in your head

multiply 5

subtract 8

add 7

subtract 6

Write the number.

C

imagine 3 in your head

multiply 9

double it

add 3

add 8

Write the ones digit.

D

What is the sum?

A + B + C + D

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ g _____ e _____

7 before 16 _____

8 after 14 _____

5 after 12 _____

2 before 17 _____

6 after 16 _____

1 after 13 _____

4 before 15 _____

3 after 17 _____

9 after 18 _____

Name _____



Date _____

Pictures Kissing

Each of the pictures needs to kiss. The two pictures that kiss must be the same pictures.

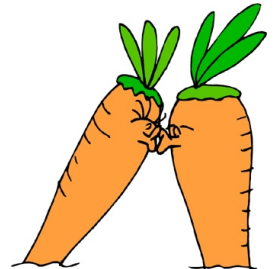
Draw a line that connects one picture to one other picture to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a picture, that picture cannot be used again.

One complete line has already been drawn for you.

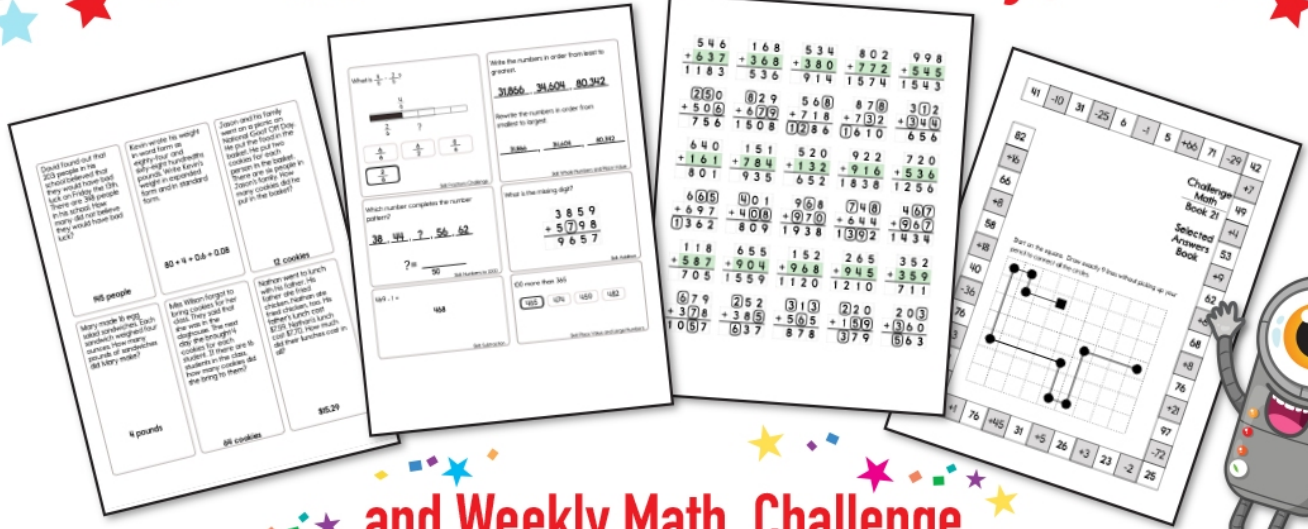
The grid contains the following icons:

- Row 1: Harp (col 1), Kangaroo (col 10)
- Row 2: Harp (col 1), Beach Ball (col 10)
- Row 3: Umbrella (col 2)
- Row 4: Umbrella (col 6), Kangaroo (col 8)
- Row 5: Ruler (col 1), Key (col 4)
- Row 6: Ruler (col 4), Beach Ball (col 8)
- Row 7: Key (col 4)

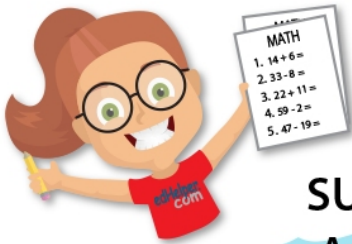
A red line is drawn connecting the ruler icon in row 5, column 1 to the key icon in row 5, column 4.



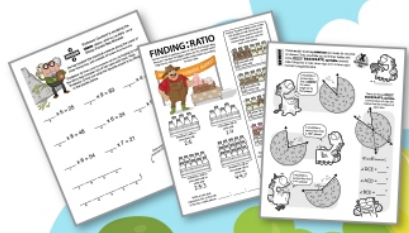
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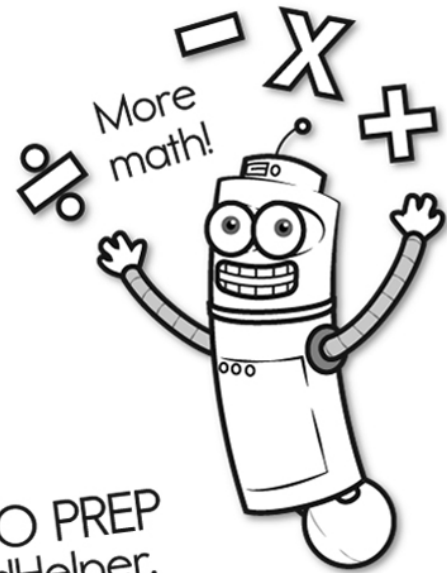
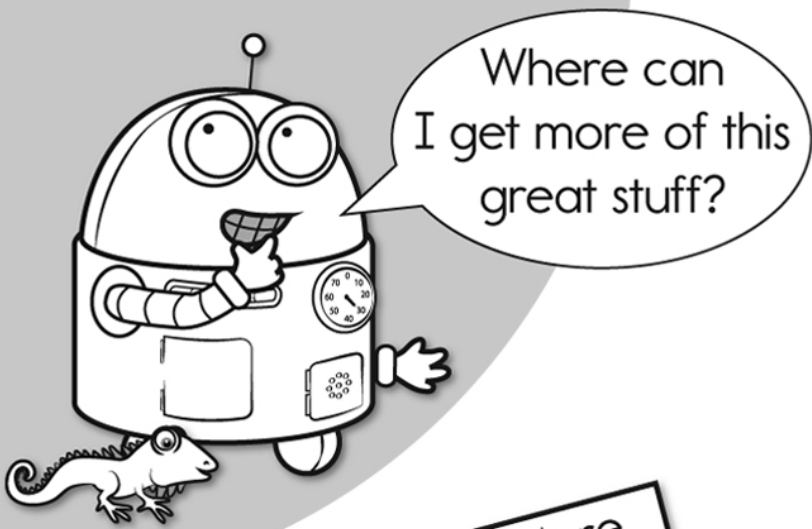
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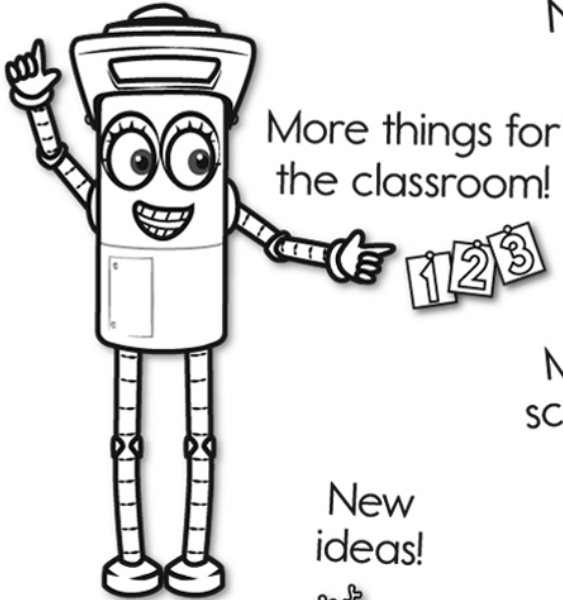
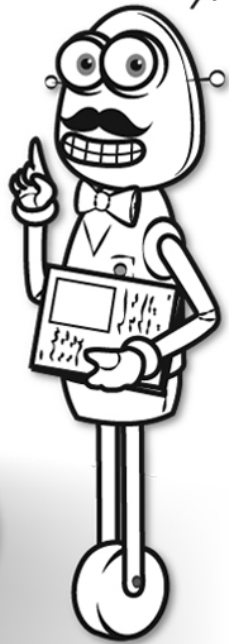
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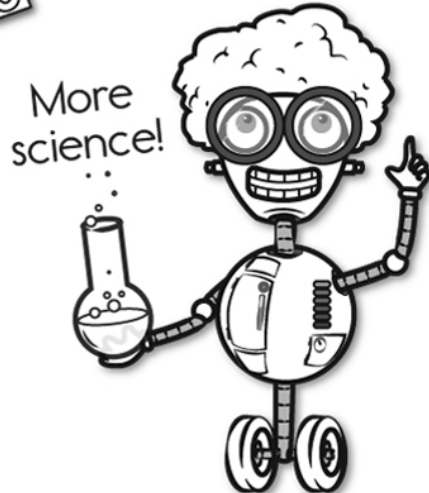


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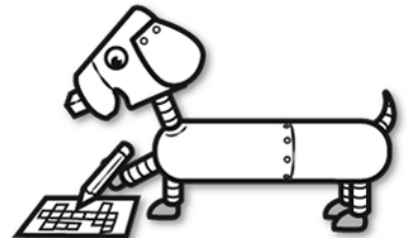
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