



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Find the LCM using the Birthday Cake method.



4	48 60	3	120 105
3	12 15	5	40 35
4	5		
LCM: $4 \times 3 \times 4 \times 5 = 240$		LCM: _____	

2	70 110	5	100 140
LCM: _____		LCM: _____	

156 120	80 90
LCM: _____	LCM: _____



Name: _____

Spin again.

I needed to spin _____ time(s) to finish.

Find the LCM using the Birthday Cake method.

4	48 20 12 5 LCM: $4 \times 12 \times 5 = 240$	3	27 30 LCM: _____	3	21 36 LCM: _____
3	30 27 LCM: _____	4	192 96 LCM: _____	5	10 20 LCM: _____
270 225 LCM: _____		76 48 LCM: _____			
72 48 LCM: _____		48 54 LCM: _____		30 60 LCM: _____	

Name: _____

Change 11% to a decimal.

Change $\frac{3}{60}$ to a decimal.

Change $\frac{3}{10}$ to a percent.

188 is what percent of 235?

Change to a percent and then to a fraction:

4% = . = _____

7% = . = _____

2% = . = _____

5% = . = _____

6% = . = _____

Find 70% of 90.

Change 0.46 to a percent.

Change $\frac{4}{5}$ to a decimal.

Find 3% of 240.

Find 65% of 244.

Change $\frac{5}{20}$ to a decimal.

Change 1% to a decimal.

Name: _____

<p>A rectangular sign advertising the Life Evaluation Conference was put up near the conference hotel. It had a length of 26 feet and a perimeter of 108 feet. What was the sign's width?</p>	<p>Mr. Allen made a pot of tea at his restaurant. The pot holds 18 servings of tea. If each serving is $4\frac{2}{3}$ oz, how many ounces of tea does the pot hold?</p>	<p>The library purchased 72 new books at a total cost of \$1,412.40. They had \$8,045 in their budget to buy books. How much money is left to buy more books?</p>
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<div data-bbox="73 873 527 1039"> <p>9 km = _____ m</p> </div> <div data-bbox="73 1039 422 1155"> <p>$4 \times 12 =$ _____</p> </div> <div data-bbox="73 1155 357 1417"> $\begin{array}{r} 370 \\ + 446 \\ \hline \end{array}$ </div>	<p>April is a family friend. She will be picking you up from school and driving you to the closest library. Where should she go? Write instructions to explain how she could get there and where you will be going.</p>
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<p>Write the missing family fact.</p> <p>$77 - 42 = 35$ $35 + 42 = 77$ $77 - 35 = 42$</p> <p>_____</p>	<p>Holly rolls a die. What is the chance of her rolling a 2?</p> <p>_____</p>
<p>How many grams are in 9 kilograms?</p> <p>_____ grams</p>	<p>$12 \times 11 =$</p>



Name: _____

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

R Y Q U A N T I T Y
Y _ N D _ G N _ N T
_ T P D _ S M _ S S
H Y M N P P C _ D _
M B H M _ _ _ J _ R
_ S T S _ T N _ T G
T M _ L B R Q Y _ _
_ D _ S K _ _ _ S _
R L _ _ N F _ _ T N
_ R _ M P Y R S M G

DUSK • JOYOUS • RAMP
QUANTITY • LOAN • ARGUING
HYMN • INDIGNANT • PETRIFY
DETEST • CONQUER • DISMISS
MATURE

$30 \div 5 = \underline{\hspace{2cm}}$

$12 \times 5 = \underline{\hspace{2cm}}$

$2 \times 2 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 837 \\ - 380 \\ \hline \end{array}$$



$40 \div 8 = \underline{\hspace{2cm}}$

$1 \text{ kg} = 1,000 \text{ g}$

$11 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

$7 \times 4 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 44 \\ + 21 \\ \hline \end{array}$$

$72 \div 8 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 27 \\ - 10 \\ \hline \end{array}$$

Circle the smallest number:

40,156,043
8,592,360,761
259,873
864,752,390,114

$8,876 + 1,753 = \underline{\hspace{2cm}}$

$9 \times 11 = \underline{\hspace{2cm}}$

Name: _____

<p>Can 440 be evenly divided by 3? Circle:</p> <p>440 is divisible by 3</p> <p>440 is NOT divisible by 3</p>	<p>Maria is going to roll two dice.</p> <p>What is the chance that her total will be either 4 or higher on her first roll?</p>
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$66 \div 11 = \underline{\hspace{2cm}}$	<p>Circle the addition property for $44 + 5 = 5 + 44$.</p> <p>associative property</p> <p>commutative property</p>	$22 \div 2 = \underline{\hspace{2cm}}$
$50 \div 5 = \underline{\hspace{2cm}}$	<p>Circle the greatest number:</p> <p>6,875,208,615 43,901</p> <p>439,277,421,586 3,900</p>	$30 \div 10 = \underline{\hspace{2cm}}$

$30 \div 10 = \underline{\hspace{2cm}}$	<p>Five-ninths of the children in Moore's class want to go outside. If Moore agrees with the majority, will the class stay inside or go outside?</p>	<p>What number is halfway between 30 and 37?</p>
$5 \times 8 = \underline{\hspace{2cm}}$		

$18 \div 2 = \underline{\hspace{2cm}}$	<p>What time is 16 hours after 5:00 p.m.?</p> <p>_____</p>	$84 \div 12 = \underline{\hspace{2cm}}$
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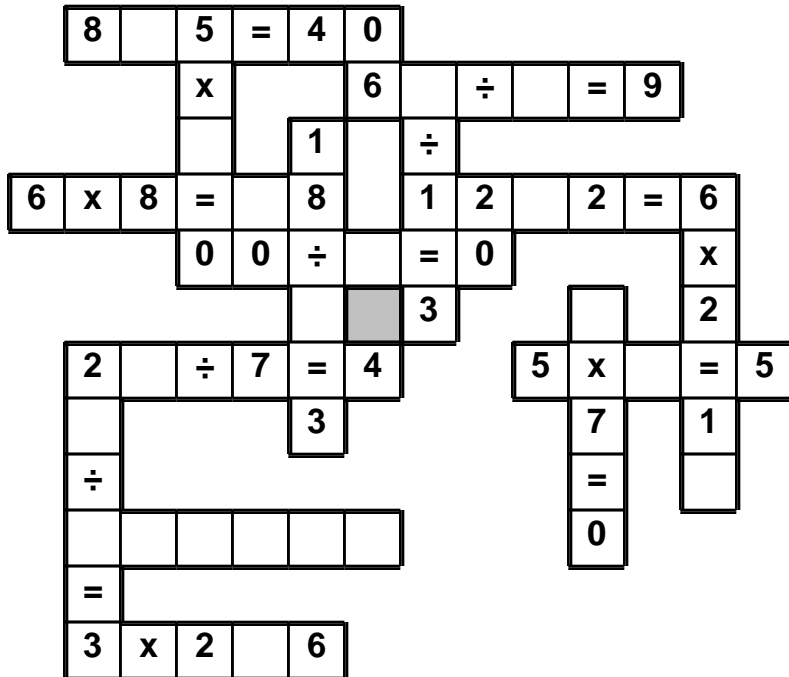
$8,549 - 8,174 = \underline{\hspace{2cm}}$
--



Name: _____

$\times \bullet 3 \bullet 7 \bullet 0 \bullet 4 \bullet \div \bullet 7 \bullet 6 \bullet 0 \bullet 8 \bullet 1 \bullet 4 \bullet 2 \bullet 8 \bullet \times \bullet 3$
 $= \bullet 2 \bullet 4 \bullet =$

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



Amy took three numbers greater than 1 and multiplied them. One number was six and the other number was ten. Of course, she forgot the last number, but she remembered the product was 480. Is this possible?

For 4,656,092,178,769,686, write the digit that is in the ten thousands place.

10 x 8 = _____

52,727 - 35,935 = _____

1,534 + 1,363 = _____

77 ÷ 7 = _____

6,571 + 1,227 = _____

4 x 8 = _____

Name: _____

Give two answers for x in each equation.

$$|9 + x| = 13$$

$$|-11 - x| = 30$$

$$-8 - 9 =$$

$$-7 + -6 =$$

$$-35 + 20 =$$

12, _____, 16, 18, 20,
22, 24, 26, 28

Round 88,782 to the
nearest hundred.

The radius of a circle is 703
cm. What is the diameter
of this circle?

In the number 153,233,606,153, the digit 2 is
in what place?

$$45 \div 9 = \underline{\hspace{2cm}}$$



Name: _____

Sarah rode her bike for 45 minutes. She went 7.2 miles. What is her speed in miles per hour?

How much money is 1 quarter, 1 dime, 3 nickels, and 1 penny?

45, 61, _____, 93, 109,
125, 141, 157, 173, 189

Round the decimal 0.535 to the nearest hundredth.

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{7}{8}$ would go. Is $\frac{7}{8}$ closer to 0, $\frac{1}{2}$, or 1?

$$4 + (10 - 7) + 4$$

$$34 + n = 46$$

Name: _____



$5 \times \underline{\quad} = 30$

$\underline{\quad} \times 5 = 20$

$\underline{\quad} \times 2 = 12$

$6 \times \underline{\quad} = 18$

$5 \times \underline{\quad} = 35$

$9 \times \underline{\quad} = 72$

$\underline{\quad} \times 7 = 70$

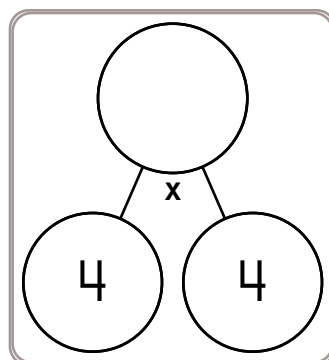
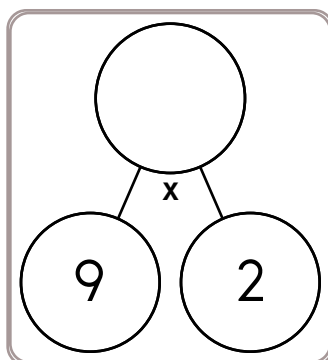
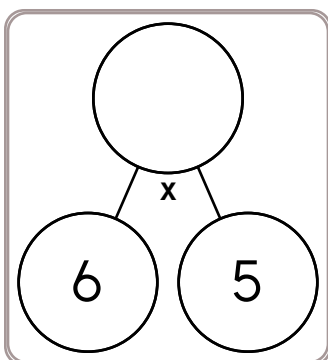
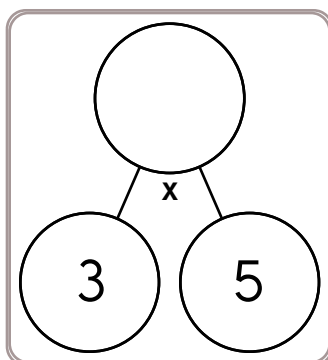
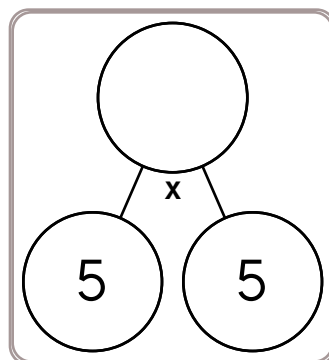
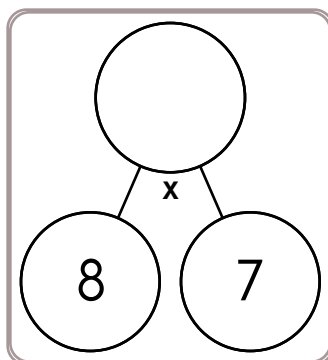
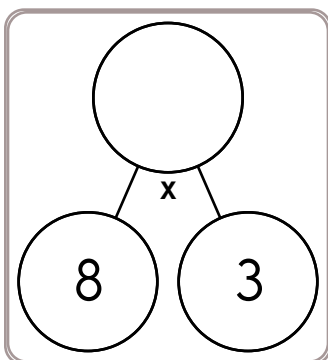
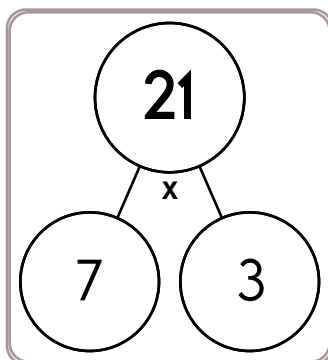
$\underline{\quad} \times 11 = 22$

$4 \times \underline{\quad} = 28$

$8 \times \underline{\quad} = 16$

$\underline{\quad} \times 7 = 56$

$\underline{\quad} \times 6 = 42$



$7 \times 11 =$

$12 \times 10 =$

$11 \times 10 =$

$2 \times 7 =$

$6 \times 3 =$

$12 \times 11 =$

$3 \times 7 =$

$4 \times 10 =$

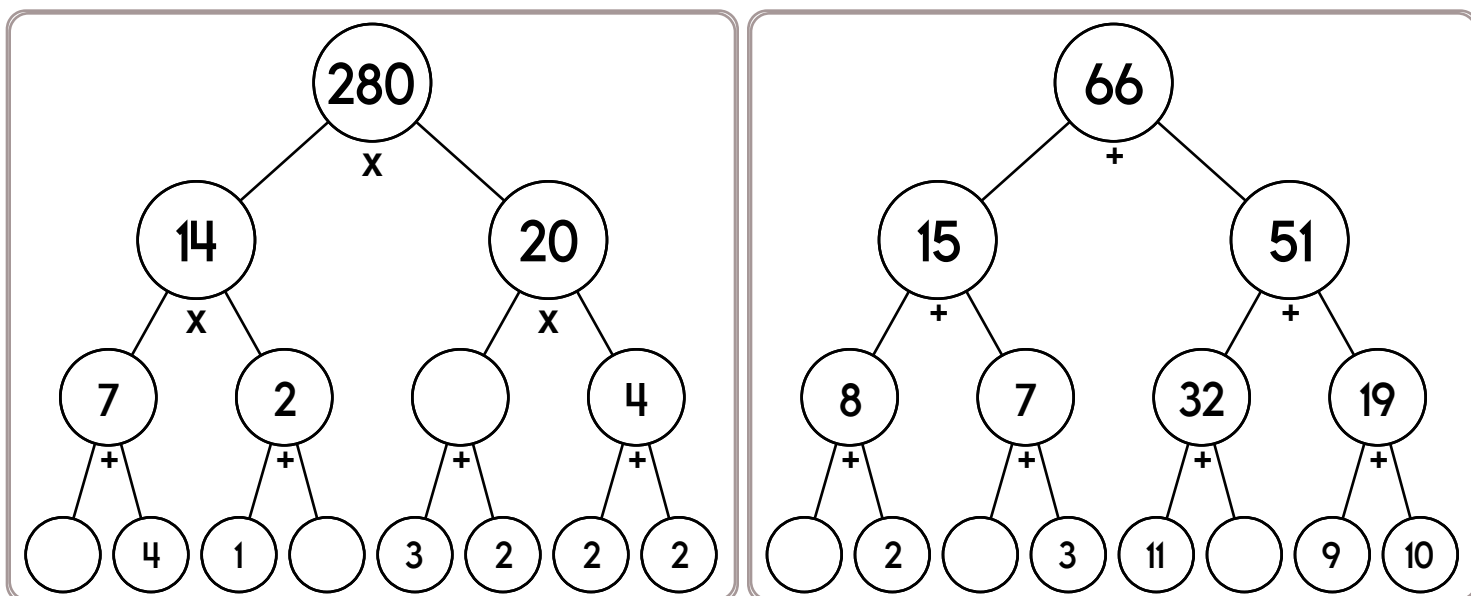
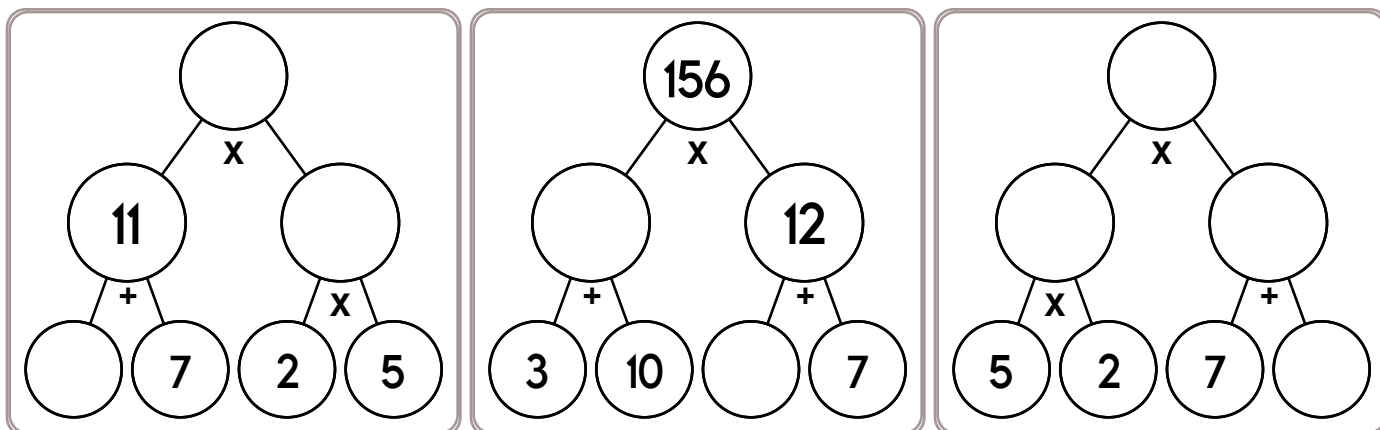
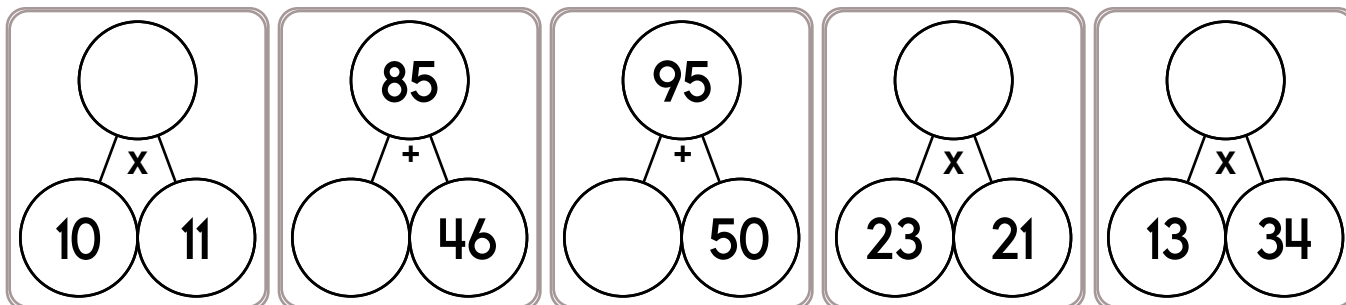
$4 \times 3 =$

$5 \times 6 =$

$5 \times 11 =$

$8 \times 9 =$

Name: _____



What is the greatest common factor of the numbers 26 and 91?

$0.8 (0.6 (0.8 \times 4)) =$

0.4×0.03

Name: _____

Draw a line to match each problem with the same answer.

60% of 75



86% of 100

18% of 50



32% of 75

75% of 92



36% of 125

96% of 25



70% of 70

84% of 100



43% of 200

36% of 25



49% of 100

69% of 100



42% of 200

46% of 200



100% of 92

Subtract 82 from 500.

$5 + 6 + 1 + 7 =$

What number is 379 less than 481?

Rewrite $\frac{6}{25}$ as a decimal.

Simplify.

$\frac{26}{39} =$

$(9 + 17) + 10 = 2(8 + 10)$

Circle the greatest amount:

28%

0.35

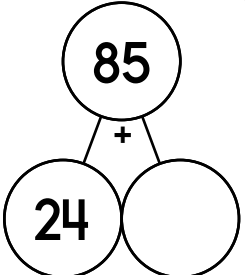
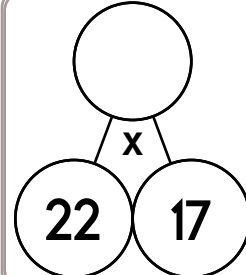
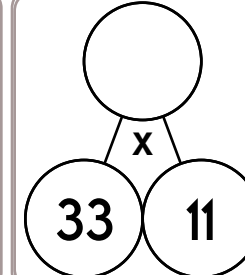
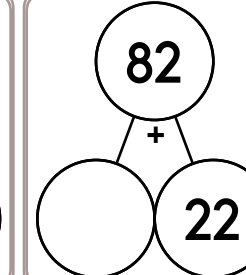
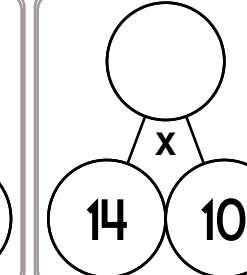
$\frac{9}{25}$

Rewrite $\frac{33}{50}$ as a decimal.

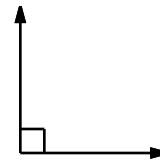
$84 \div 12 \times 3$



Name: _____

				
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Sketch 2 lines \overleftrightarrow{BC} and \overleftrightarrow{WX} that are parallel.



What kind of angle is this?

If $m = -5$ and $c = 11$ then what is $12m + 15c - 4c = ?$

$$9 \times 70 \div 10$$

If $b = 4$ and $s = -54$ then what is $8b + 11s + 4s = ?$

A circle graph has five sections. Only four sections are labeled. The labels are 18%, 25%, 17%, and 20%. What should the missing section be?

Emma climbed 10 meters in only 42.7 seconds. How many meters did she climb per second?

$$10m - 15.5 = 74.5$$

$m =$

$$77 \div 7 = \underline{\hspace{2cm}}$$

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 2 in your head

add 4

multiply 8

Write the tens digit.

 A

imagine 7 in your head

add 5

multiply 7

double it

Add the tens digit to the ones digit.
Write the sum.

 B C

imagine 8 in your head

double it

add 2

add 4

subtract 6

add 5

Write the tens digit.

 D

imagine 7 in your head

subtract 3

multiply 11

subtract 6

double it

add 2

Write the odd digit in your answer.

 E

What is the sum?

A + B + C + D + E

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

_____ t _____ e _____

9 after 15 _____

5 before 16 _____

6 after 19 _____

7 after 11 _____

4 before 15 _____

8 after 14 _____

5 after 12 _____

2 before 14 _____

4 after 18 _____

Name: _____

Name: _____

		+		+		-		=	
	A		C		B		A		13
x									
	?		A		B		B		14
+									
	B		A		B		B		18
=									
	60		21		132		88		

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$B \times B + B = 132 \quad C \times _ + A = 21$$

$$_ + _ + _ - _ = 18 \quad _ \times _ + _ = 88$$

$$_ + _ + _ - _ = 13$$

Additional hints:

$$C < 4 \quad B = A + 4$$

Solve:

$$? = _$$

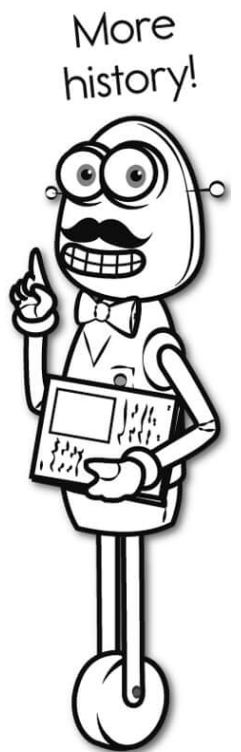
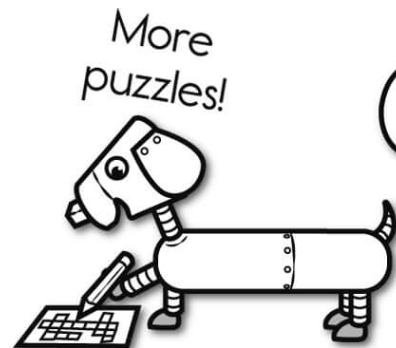
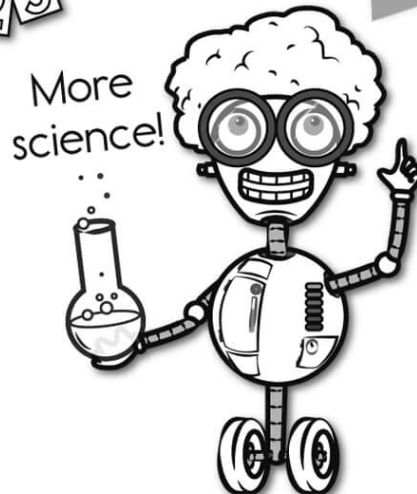
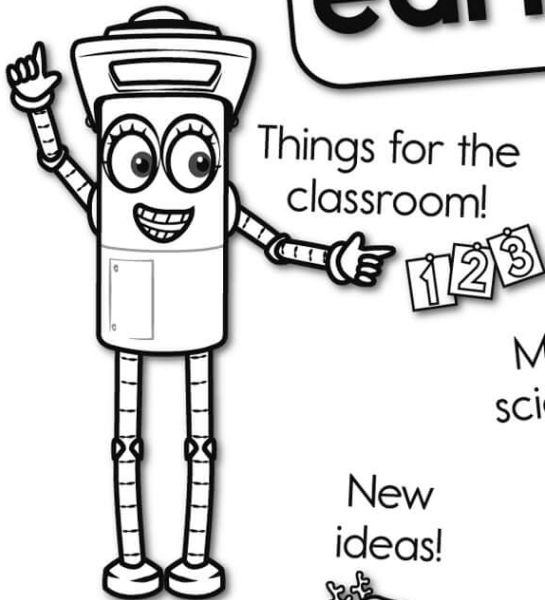


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