

Name: _____

Mr. Quirk had approximately 61% of the tests graded. (a) Written as a fraction with thirty-one as a denominator, approximately what fraction of the tests did he have graded? (b) What was the approximate graded test:ungraded test ratio?

Connor gave Jack a challenge. "I think I can write the number one hundred seventy million using fewer zeros than you," said Connor. "I don't think so," replied Jack. In the end it was a draw (Connor was wrong). How did they do it using only one zero?

Two objects are suspended 2 meters in the air by a string. One object has a mass of 3 kg and the other has a mass of 3.3 kg. What is the difference in potential energy of the two objects expressed as a percent? Round your answer to the nearest hundredth of a percent if needed.

Alex is the starting goalie for the Littleville hockey team. He averages only 2.7 goals per game. He stops an average of 21.3 shots per game. Based on the average, about what percent of the shots on goal does he stop from entering the net? Round your answer to the nearest tenth of a percent.

There are three sticks on the table. Each stick is a different color. How many ways are there to arrange the sticks in a line so that no two arrangements have the same color sequence?

For every five hundred thousand pounds of fertilizer manufactured at Bigearth, Inc., about 420 pounds are ruined by being accidentally left out in the rain. Last month, 150 pounds were ruined. Based on this information, estimate how many pounds of fertilizer were manufactured last month. Round your answer to the nearest whole number if needed.

Name: _____

Sally bought a kit to make fidgets. The box says that you can make up to 36 fidgets. Sally tried to make one. It took her 45 seconds to make. How many fidgets can she make in an hour? Assume she takes a 10-second break after making each fidget.

Fill in the missing numbers.

$$1.415 \times \underline{\hspace{2cm}} = 141.5$$

$$0.01415 \times \underline{\hspace{2cm}} = 141.5$$

$$0.1415 \times \underline{\hspace{2cm}} = 141.5$$



Name: _____

Get a fidget spinner! Spin it.

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

Write the missing family fact.

$$15 \times 6 = 90$$

$$6 \times 15 = 90$$

$$90 \div 15 = 6$$

$$11 \div \frac{1}{6}$$

$$6\frac{1}{8} + 8\frac{3}{8}$$

Know how many inches in a foot? Okay, smarty pants, how many inches in 3 feet?

Round the decimal 0.455 to the nearest hundredth.

Write $\frac{5}{25}$ in lowest terms.

79, 69, _____, 52, 45,
39, 34, 30, 27, 25, 24

The radius of a circle is 318 cm. What is the diameter of this circle?

How many meters are there in 192 kilometers?

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{5}{11}$ would go. Is $\frac{5}{11}$ closer to 0, $\frac{1}{2}$, or 1?

7, 56, 61, 488, 493,
3944, __, _____,
__

10, 16, 22, 30, _____,
48, 58, 70, 82, 96, 110,
126, 142, 160, 178, 198

Name: _____

<p>Connor is attending the World Eskimo-Indian Olympics. He can go to either the Blanket Toss or the Greased Pole Walk. He can choose either the qualifying rounds, the semifinals, or the finals of the events. He can buy only one ticket. How many choices does he have?</p>	<p>The Market on the Square had to buy 21 new carts. The price of each cart was \$123.95 plus \$10 per cart to put the name of the market on the cart. If the manager of Market on the Square decides to buy 10 new carts with the name of the market and the rest without, what will the cost be?</p>	<p>There were 18 males and 12 females in the zoo's penguin habitat. David wrote the ratio of males to females as a fraction in lowest terms. What is the reciprocal of the fraction David wrote?</p>
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<p>Amanda rolls two dice. What is the chance of her rolling a 5 on one die and a 4 on the other die?</p> <p>_____</p>	<p>6,486 - 4,724 = _____</p>
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$\begin{array}{r} 431 \\ - 280 \\ \hline \end{array}$	<p>Sarah and Hannah are playing a number game. Sarah says 16. Hannah replies that the answer is 4. Sarah says 1. Hannah replies that the answer is 1. Sarah says 64. Hannah replies that the answer is 8. Sarah says 81. Hannah is thinking. What number should Hannah reply with?</p>	$\begin{array}{r} 84 \\ - 53 \\ \hline \end{array}$
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<p>6 lb = _____ oz</p>	<p>55 ÷ 5 = _____</p>	<p>14 ÷ 7 = _____</p>
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Name: _____

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

T	W	L		B	A	S	K		M
T	L		P		R	F		M	
T		R	R		T		R	Y	S
T		C	K		T	Y		W	T
D		C	R			S		H	
	F	B	L		M		F		N
	G	R			T		R	P	C
M		K		S	H		F	T	H
	G	L	Y	R		C	K		T
N		D	V		N	T		R	

BASK • PERFUME • STENCH
TICKET • ROCKET • BLAME
MAKESHIFT • WHIP • GREATER
TERRITORY • DECREASE • UGLY
ADVENTURE

What time is 16 hours after
5:00 a.m.?

Ava got a new soccer shirt.
Can you guess the number
on the back of her shirt?

It has two digits.
The digits add up to 5.
The larger digit is 3 more
than the smaller digit.
The number is even.

1 km = 1,000 m

12 km = _____ m

April rolls two dice. She adds the
numbers on the two dice. What is
the chance of this sum being
eight?

Four books cost \$12. At that
rate, what is the cost of 12
books?

$3 \times 2 =$ _____

$12 \times 3 =$ _____



Write the missing family fact.

$264 \div 11 = 24$
 $264 \div 24 = 11$
 $11 \times 24 = 264$


$$\begin{array}{r} 44 \\ + 23 \\ \hline \end{array}$$

Name: _____

<p>Jacob took three numbers greater than 1 and multiplied them. One number was seven and the other number was ten. Of course, he forgot the last number, but he remembered the product was 271. Is this possible?</p>	$\begin{array}{r} 367 \\ + 209 \\ \hline \end{array}$	$4 \times 11 = \underline{\hspace{2cm}}$
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<p>Circle the smallest number:</p> <p>17,862,080 5,493</p> <p>521,793 644,359,710</p>	<p>Anna took three numbers greater than 1 and multiplied them. One number was five and the other number was eighteen. Of course, she forgot the last number, but she remembered the product was 1080. Is this possible?</p>
$557 - 388 = \underline{\hspace{2cm}}$	
$3 \times 6 = \underline{\hspace{2cm}}$	

<p>How many centimeters are in 90 millimeters?</p> <p>_____ centimeters</p>	$4 \times 12 = \underline{\hspace{2cm}}$	$6 \times 9 = \underline{\hspace{2cm}}$
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<p>For 754,418,336, write the digit that is in the ten thousands place.</p> <p>_____</p>	<p>Six-eighths of the children in Hernandez's class want to go outside. If Hernandez agrees with the majority, will the class stay inside or go outside?</p>	$6 \times 7 = \underline{\hspace{2cm}}$
		

<p>Jacob has four pennies and one quarter. He also has one other coin that is different from the rest of his coins. How much could he have?</p>	<p>Circle the greatest number:</p> <p>23,854,107</p> <p>410,163,589,274</p> <p>9,692,756,038</p> <p>76,495</p>
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$$2 \cdot = \cdot 3 \cdot 6 \cdot 8 \cdot \div \cdot 4 \cdot = \cdot 2 \cdot 3 \cdot 9 \cdot 1 \cdot 2 \cdot \div \cdot 4 \cdot 0$$

8 x = 1 6							
						÷	
6 x 5 =							0
						÷	=
						8	2
0			x				
3	x	3	=			7	
1			1				
				2	=	1	
		÷	8	=	5		

$$791 - 187 = \underline{\hspace{2cm}}$$

Which is the better buy?
Three bags of candy for \$15
or seven bags of candy for
\$63?

$$3 \times 10 = \underline{\hspace{2cm}}$$

Name: _____

Amanda lives at the point $(-9, 16)$. She wants to go to the closest mall. There are two malls on the map. One is at $(-5, 11)$ and the other is at $(-6, 4)$. Which is closer to her?

Maria is mapping out an imaginary trip from point $(-4, 5)$ to $(4, 5)$. She spent 9 days there. Then she went to point $(4, 1)$. If 1 unit = 120 miles, how many total miles did she travel in all?

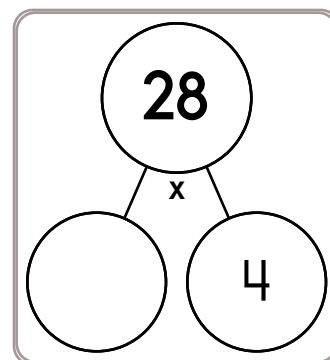
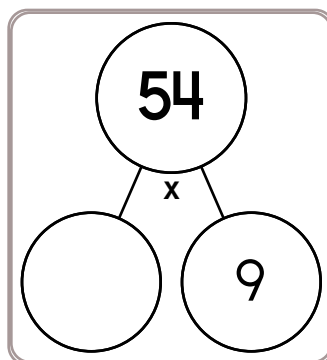
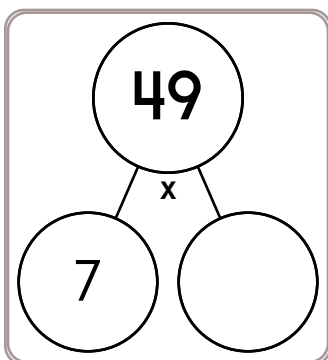
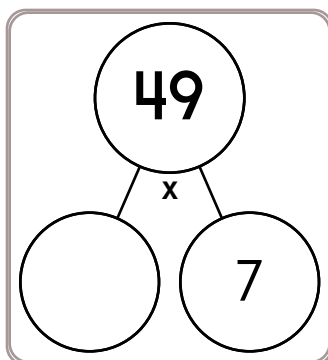
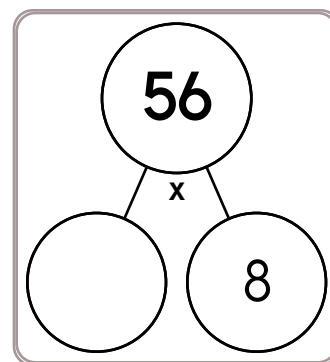
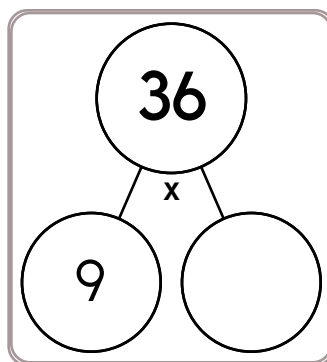
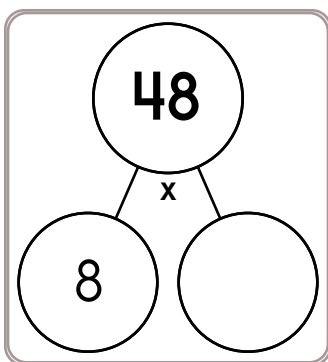
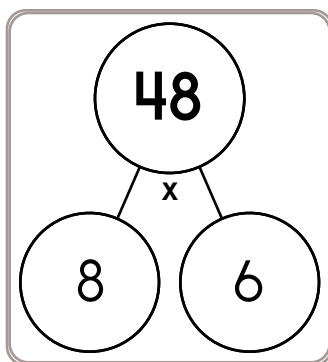
Name: _____

Ready to draw a face? First draw the eyes by drawing two right triangles. Now for the mouth. Draw a trapezoid for the mouth. Draw a pentagon for the nose. Now have fun and finish the face!

When you take some number and subtract -69 from it,
the difference is 102 . What is the number?

Write the number that when
multiplied by 9 is -36 .

Name: _____



$40 \div 5 =$

$28 \div 4 =$

$24 \div 6 =$

$42 \div 6 =$

$12 \div 2 =$

$9 \div 3 =$

$18 \div 6 =$

$16 \div 4 =$

$10 \div 2 =$

$30 \div 5 =$

$30 \div 6 =$

$12 \div 6 =$



$16 \div \underline{\quad} = 2$

$35 \div \underline{\quad} = 7$

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

$\underline{\quad} \div 5 = 5$

$\underline{\quad} \div 5 = 3$

$18 \div \underline{\quad} = 2$

$\underline{\quad} \div 2 = 7$

$32 \div \underline{\quad} = 4$

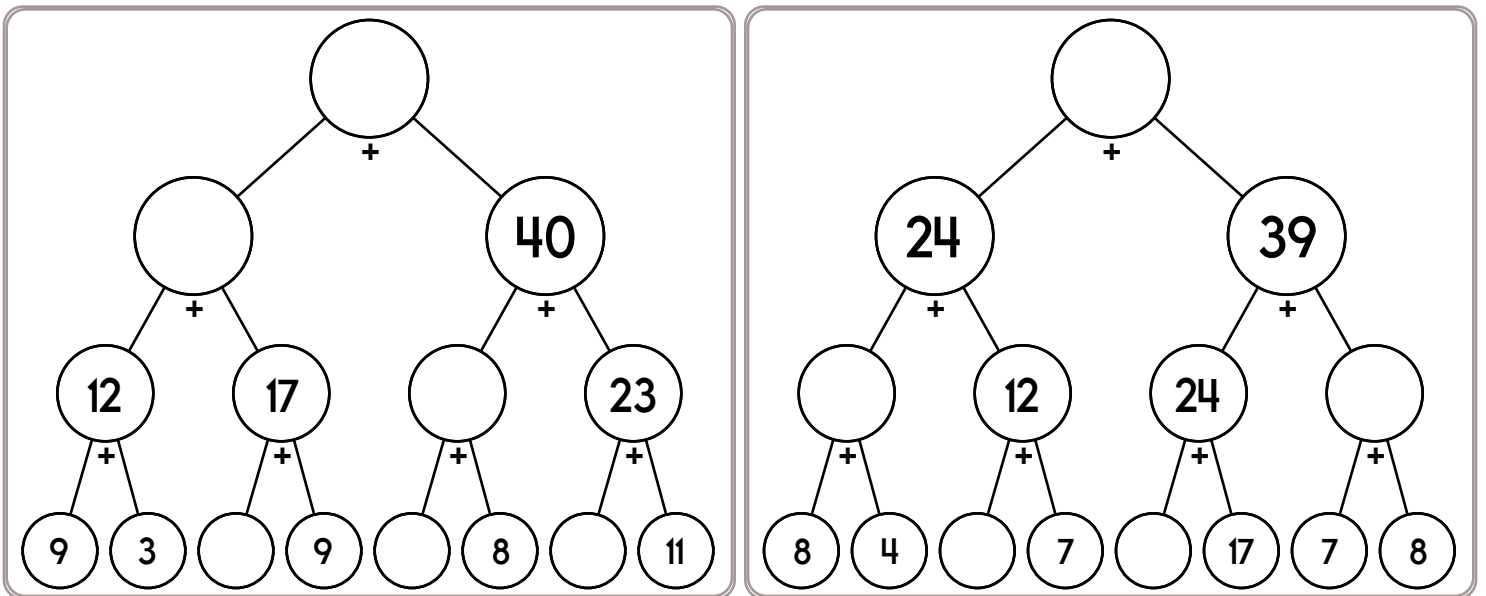
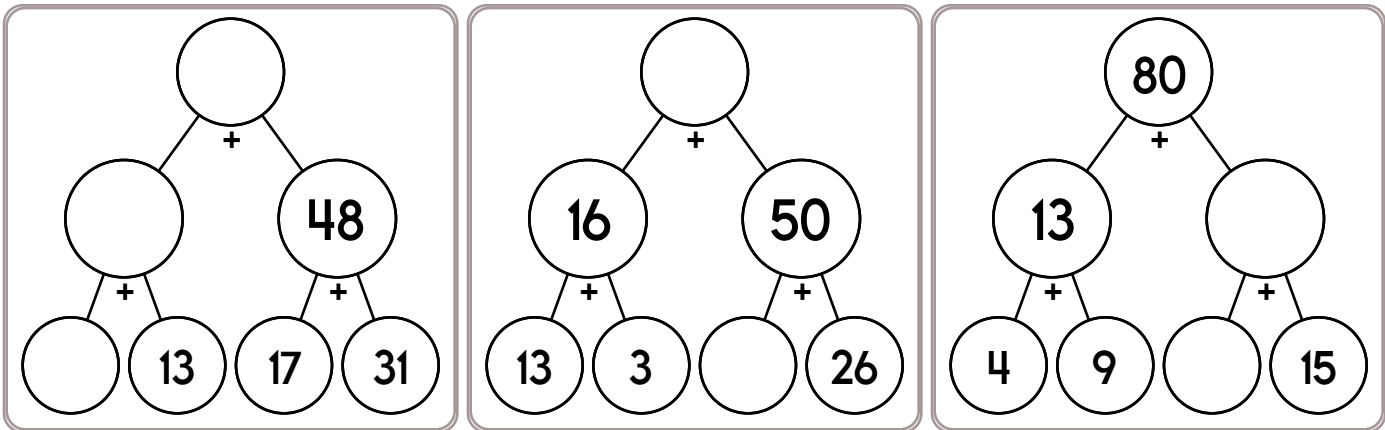
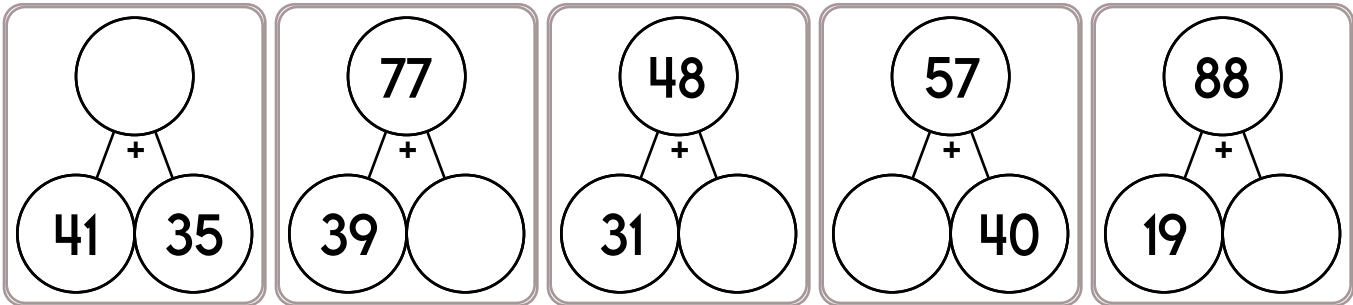
$56 \div \underline{\quad} = 8$

$\underline{\quad} \div 7 = 2$

$21 \div \underline{\quad} = 7$

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

Name: _____



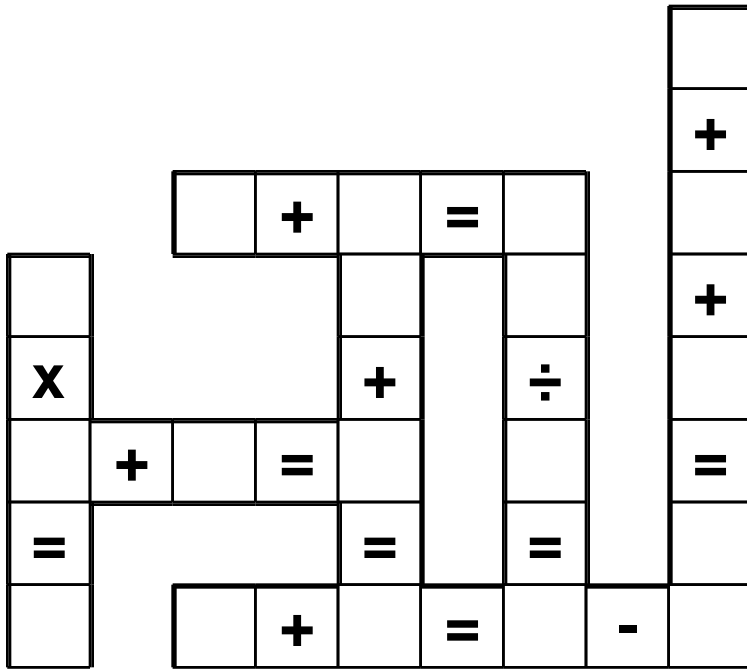
Simplify.

$$\frac{12}{48} =$$

$$\frac{6}{7} \times \frac{8}{10}$$

$$0.9 \times 0.2$$

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



90, 95, 100, 105, 110,
_____, 120, 125

Name: _____

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

One set of sums has been done for you.

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

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

What should replace the G in this equation?

$$38 \div 2 + G = 45$$

$$894 + 975 = \underline{\hspace{2cm}}$$

The letters B and X each have a line of symmetry. Name another letter between B and X that has a line of symmetry.

Can 670 be evenly divided by 10? Circle:

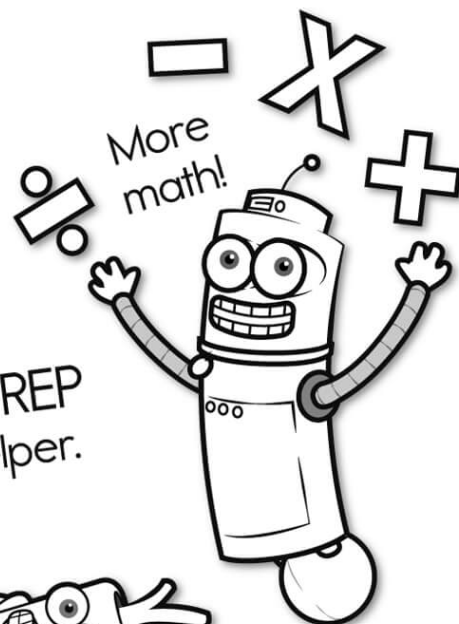
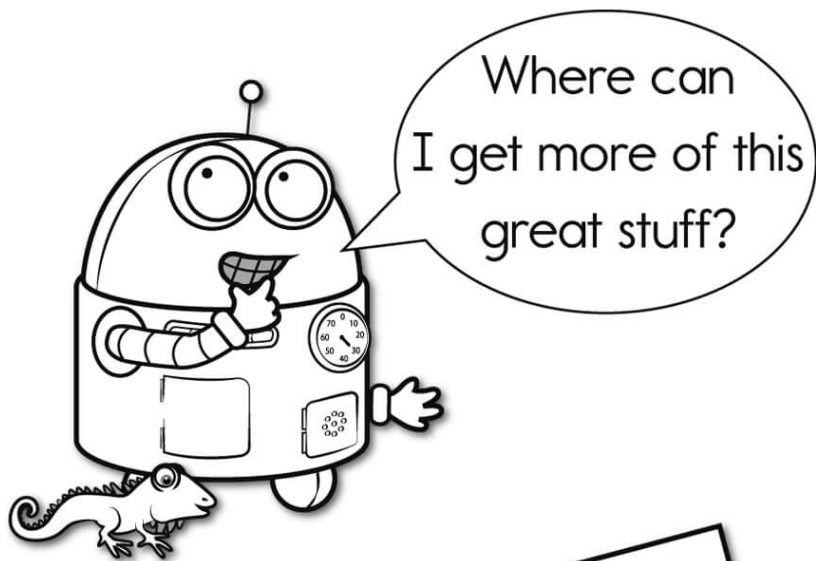
670 is divisible by 10

670 is NOT divisible by 10

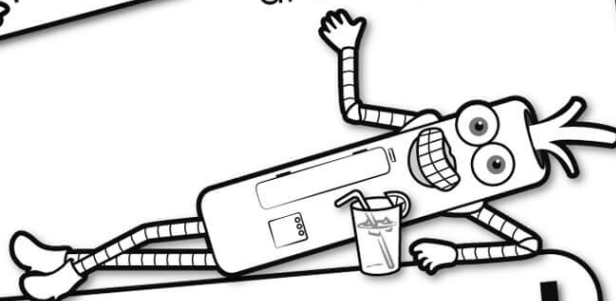
$$55 \div 5 =$$

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



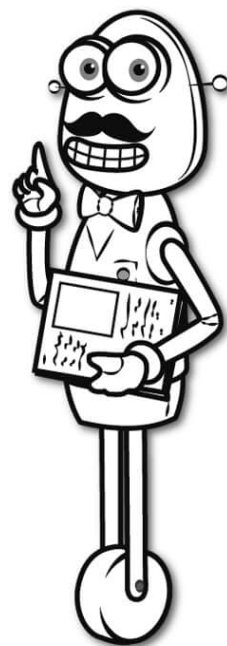


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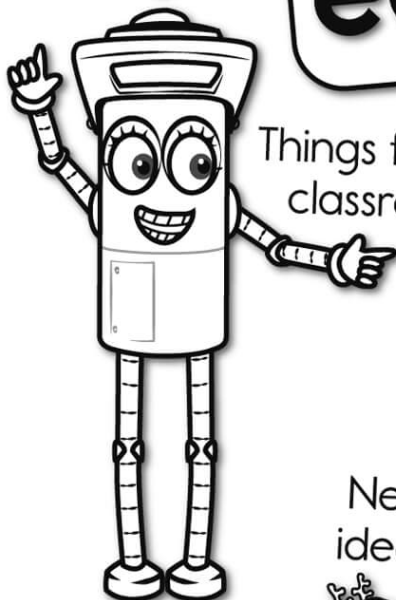
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