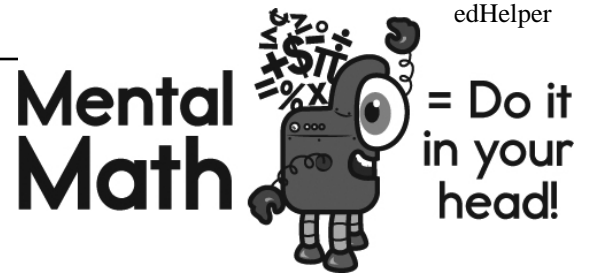




Hope you enjoy this free bundle of worksheets. Please check the bottom left to find the suggested grade level of each. You can find printables in this book that contain K-6th grade materials.

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?



imagine 5 in your head

add 1

Write the number.

\_\_\_\_\_ A

imagine 9 in your head

add 9

add 5

Write the number.

\_\_\_\_\_ B    \_\_\_\_\_ C

imagine 7 in your head

double it

add 3

Write the number.

\_\_\_\_\_ D    \_\_\_\_\_ E

imagine 5 in your head

subtract 3

add 5

Write the number.

\_\_\_\_\_ F

What is the sum?

$A + B + C + D + E + F$

\_\_\_\_\_

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

\_\_\_\_\_ n \_\_\_\_\_

1 before 13 \_\_\_\_\_

3 after 12 \_\_\_\_\_

3 before 14 \_\_\_\_\_

2 before 15 \_\_\_\_\_

9 after 18 \_\_\_\_\_

8 before 19 \_\_\_\_\_

4 before 16 \_\_\_\_\_

8 after 16 \_\_\_\_\_

7 before 12 \_\_\_\_\_

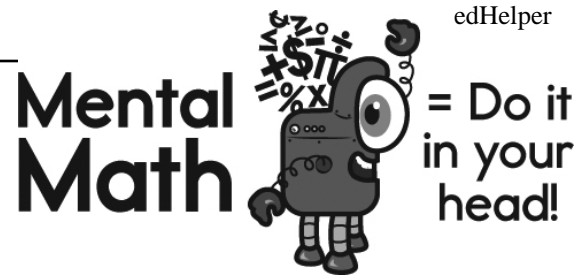
5 before 18 \_\_\_\_\_

7 after 15 \_\_\_\_\_

9 before 11 \_\_\_\_\_

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?



imagine 4 in your head

add 7

Write the number.

\_\_\_\_\_  
A      B

imagine 6 in your head

subtract 4

add 9

Write the number.

\_\_\_\_\_  
C      D

imagine 4 in your head

add 8

double it

Write the number.

\_\_\_\_\_  
E      F

imagine 5 in your head

subtract 2

add 7

double it

Write the number.

\_\_\_\_\_  
G      H

What is the sum?

$A + B + C + D + E + F + G + H$

\_\_\_\_\_

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

\_\_\_\_\_l\_\_\_\_\_e\_\_\_\_\_

5 after 13 \_\_\_\_\_

5 before 11 \_\_\_\_\_

4 before 19 \_\_\_\_\_

2 after 14 \_\_\_\_\_

1 before 12 \_\_\_\_\_

7 before 17 \_\_\_\_\_

1 after 16 \_\_\_\_\_

3 before 14 \_\_\_\_\_

9 before 15 \_\_\_\_\_

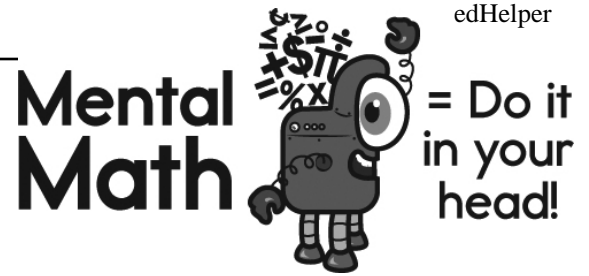
6 after 12 \_\_\_\_\_

2 before 16 \_\_\_\_\_

8 before 13 \_\_\_\_\_

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?



imagine 7 in your head

add 1

subtract 5

Write the number.

\_\_\_\_\_  
A

imagine 8 in your head

subtract 2

add 2

add 1

Write the number.

\_\_\_\_\_  
B

imagine 6 in your head

subtract 4

add 6

Write the number.

\_\_\_\_\_  
C

imagine 5 in your head

subtract 5

add 7

subtract 3

Write the number.

\_\_\_\_\_  
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?

\_\_\_\_\_ n \_\_\_\_\_ t \_\_\_\_\_ - \_\_\_\_\_ r \_\_\_\_\_

8 before 16 \_\_\_\_\_

2 after 14 \_\_\_\_\_

9 after 13 \_\_\_\_\_

9 before 17 \_\_\_\_\_

1 after 11 \_\_\_\_\_

6 after 19 \_\_\_\_\_

3 before 14 \_\_\_\_\_

3 after 17 \_\_\_\_\_

7 after 18 \_\_\_\_\_

7 before 12 \_\_\_\_\_

4 after 12 \_\_\_\_\_

5 after 16 \_\_\_\_\_

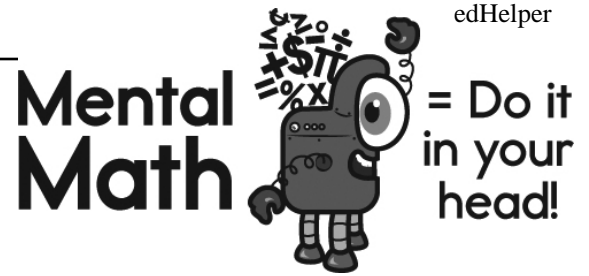
5 before 15 \_\_\_\_\_

8 after 15 \_\_\_\_\_

4 after 17 \_\_\_\_\_

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?



imagine 9 in your head

subtract 7

multiply 4

Write the number.

\_\_\_\_\_  
A

imagine 9 in your head

double it

subtract 7

subtract 9

add 7

subtract 8

Write the number.

\_\_\_\_\_  
B

imagine 7 in your head

subtract 2

subtract 5

add 8

double it

Write the even digit  
in your answer.

\_\_\_\_\_  
C

imagine 2 in your head

add 2

multiply 6

add 1

add 9

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?

\_\_\_\_\_ e \_\_\_\_\_ n

2 after 18 \_\_\_\_\_

9 before 16 \_\_\_\_\_

5 before 15 \_\_\_\_\_

6 after 12 \_\_\_\_\_

3 before 19 \_\_\_\_\_

4 before 14 \_\_\_\_\_

4 after 13 \_\_\_\_\_

1 before 18 \_\_\_\_\_

8 before 12 \_\_\_\_\_

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 9 in your head

add 9

subtract 8

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

\_\_\_\_\_

A

imagine 5 in your head

subtract 5

add 8

multiply 6

add 4

double it

Write the hundreds digit.

\_\_\_\_\_

B

imagine 7 in your head

double it

subtract 8

add 5

add 9

Write the tens digit.

\_\_\_\_\_

C

imagine 3 in your head

multiply 12

add 4

subtract 8

subtract 7

Write the odd digit in your answer.

\_\_\_\_\_

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?

\_\_\_\_\_ n \_\_\_\_\_ e \_\_\_\_\_

4 after 14 \_\_\_\_\_

7 before 12 \_\_\_\_\_

1 before 14 \_\_\_\_\_

6 after 18 \_\_\_\_\_

9 before 18 \_\_\_\_\_

8 before 13 \_\_\_\_\_

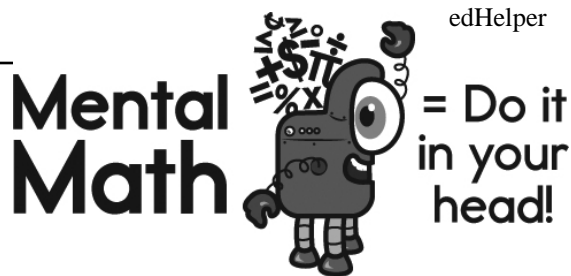
5 after 15 \_\_\_\_\_

5 before 19 \_\_\_\_\_

3 before 16 \_\_\_\_\_

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?



imagine 6 in your head

add 1

multiply 5

Write the ones digit.

\_\_\_\_\_  
A

imagine 5 in your head

add 1

subtract 4

add 7

add 4

subtract 8

Write the number.

\_\_\_\_\_  
B

imagine 3 in your head

add 7

add 4

subtract 6

add 6

subtract 8

Write the number.

\_\_\_\_\_  
C

imagine 5 in your head

subtract 5

add 7

double it

Write the even digit in your answer.

\_\_\_\_\_  
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?

\_\_\_\_\_y\_\_\_\_\_

3 after 14 \_\_\_\_\_

4 before 18 \_\_\_\_\_

3 before 19 \_\_\_\_\_

8 after 18 \_\_\_\_\_

8 before 13 \_\_\_\_\_

1 before 15 \_\_\_\_\_

7 after 11 \_\_\_\_\_

6 before 14 \_\_\_\_\_

7 before 16 \_\_\_\_\_

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

+	5	11		12		
7	12					
	<u>7 + 5</u>	<u>7 + 11</u>	<u>7 +</u>	<u>7 + 12</u>	<u>7 +</u>	<u>7 +</u>
12			18	24		
	<u>12 + 5</u>	<u>12 + 11</u>	<u>12 +</u>	<u>12 + 12</u>	<u>12 +</u>	<u>12 +</u>
10			16	22		
	<u>10 + 5</u>	<u>10 + 11</u>	<u>10 +</u>	<u>10 + 12</u>	<u>10 +</u>	<u>10 +</u>
6				18		17
	<u>6 + 5</u>	<u>6 + 11</u>	<u>6 +</u>	<u>6 + 12</u>	<u>6 +</u>	<u>6 +</u>
	9					
	<u>+ 5</u>	<u>+ 11</u>	<u>+</u>	<u>+ 12</u>	<u>+</u>	<u>+</u>
11					15	
	<u>11 + 5</u>	<u>11 + 11</u>	<u>11 +</u>	<u>11 + 12</u>	<u>11 +</u>	<u>11 +</u>
				24		
	<u>+ 5</u>	<u>+ 11</u>	<u>+</u>	<u>+ 12</u>	<u>+</u>	<u>+</u>
	16	22		23		
	<u>+ 5</u>	<u>+ 11</u>	<u>+</u>	<u>+ 12</u>	<u>+</u>	<u>+</u>

April did 6 math problems. Then she did 3 more problems. How many did she do in all?

$$5 + 7 + 9$$

$$\bigcirc 17$$

$$\bigcirc 21$$

$$\bigcirc 20$$

$$\begin{array}{r} 64 \\ 22 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 81 \\ \hline \end{array}$$

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

+	8	7	7			
		15				15
	<u>   </u> + 8	<u>   </u> + 7	<u>   </u> + 7	<u>   </u> + <u>   </u>	<u>   </u> + <u>   </u>	<u>   </u> + <u>   </u>
8	16	15			17	
	<u>8</u> + <u>8</u>	<u>8</u> + <u>7</u>	<u>8</u> + <u>7</u>	<u>8</u> + <u>   </u>	<u>8</u> + <u>   </u>	<u>8</u> + <u>   </u>
4	12					
	<u>4</u> + <u>8</u>	<u>4</u> + <u>7</u>	<u>4</u> + <u>7</u>	<u>4</u> + <u>   </u>	<u>4</u> + <u>   </u>	<u>4</u> + <u>   </u>
		12		10		
	<u>   </u> + 8	<u>   </u> + 7	<u>   </u> + 7	<u>   </u> + <u>   </u>	<u>   </u> + <u>   </u>	<u>   </u> + <u>   </u>
3		10				
	<u>3</u> + <u>8</u>	<u>3</u> + <u>7</u>	<u>3</u> + <u>7</u>	<u>3</u> + <u>   </u>	<u>3</u> + <u>   </u>	<u>3</u> + <u>   </u>
	17					
	<u>   </u> + 8	<u>   </u> + 7	<u>   </u> + 7	<u>   </u> + <u>   </u>	<u>   </u> + <u>   </u>	<u>   </u> + <u>   </u>
			16			
	<u>   </u> + 8	<u>   </u> + 7	<u>   </u> + 7	<u>   </u> + <u>   </u>	<u>   </u> + <u>   </u>	<u>   </u> + <u>   </u>
2						9
	<u>2</u> + <u>8</u>	<u>2</u> + <u>7</u>	<u>2</u> + <u>7</u>	<u>2</u> + <u>   </u>	<u>2</u> + <u>   </u>	<u>2</u> + <u>   </u>

$6 \times 7 = \underline{\hspace{2cm}}$ 
 $12 \times 10 = \underline{\hspace{2cm}}$

$16 + \boxed{\phantom{00}} = 33$

$21 + \boxed{\phantom{00}} = 30$

$2 \overline{)16}$

word root **duct** can mean **leader****conduct, conductor**

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

<b>+</b>	<b>30</b>	<b>49</b>	<b>21</b>		<b>21</b>	
	<b>64</b> ___ + 30	___ + 49	<b>55</b> ___ + 21	___ + ___	___ + 21	___ + ___
	<b>42</b> ___ + 30	___ + 49	<b>33</b> ___ + 21	___ + ___	<b>33</b> ___ + 21	___ + ___
<b>26</b>	___ + 30	___ + 49	___ + 21	<b>60</b> 26 + ___	___ + 21	26 + ___
	___ + 30	<b>53</b> ___ + 49	___ + 21	___ + ___	___ + 21	___ + ___
	<b>33</b> ___ + 30	___ + 49	___ + 21	___ + ___	___ + 21	___ + ___
<b>8</b>	___ + 30	___ + 49	___ + 21	___ + ___	<b>29</b> 8 + 21	<b>27</b> 8 + ___
<b>21</b>	___ + 30	___ + 49	___ + 21	<b>55</b> 21 + ___	___ + 21	<b>40</b> 21 + ___
	<b>46</b> ___ + 30	___ + 49	___ + 21	___ + ___	___ + 21	___ + ___

Write the number that has exactly 3 tens.

What number is halfway between 0 and 20?

Anna bought a pack of six waters. It cost \$4.08. How much did each water cost?

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

X				10		4
5	<u>5</u> x <u>   </u>	<u>5</u> x <u>   </u>	<u>5</u> x <u>   </u>	<u>5</u> x <u>10</u>	<u>5</u> x <u>   </u>	<u>5</u> x <u>4</u>
	44					
	<u>   </u> x <u>   </u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>10</u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>4</u>
2	8	4				
	<u>2</u> x <u>   </u>	<u>2</u> x <u>   </u>	<u>2</u> x <u>   </u>	<u>2</u> x <u>10</u>	<u>2</u> x <u>   </u>	<u>2</u> x <u>4</u>
					27	
	<u>   </u> x <u>   </u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>10</u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>4</u>
			40			
	<u>   </u> x <u>   </u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>10</u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>4</u>
9	36		90			
	<u>9</u> x <u>   </u>	<u>9</u> x <u>   </u>	<u>9</u> x <u>   </u>	<u>9</u> x <u>10</u>	<u>9</u> x <u>   </u>	<u>9</u> x <u>4</u>
		24				
	<u>   </u> x <u>   </u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>10</u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>4</u>
			120	120		48
	<u>   </u> x <u>   </u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>10</u>	<u>   </u> x <u>   </u>	<u>   </u> x <u>4</u>

$$\begin{array}{r} 99 \\ + 80 \\ \hline \end{array}$$

Find the sum of 3 and 6.

$$\begin{array}{r} 637 \\ + 78 \\ \hline \end{array}$$

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

<b>X</b>					<b>10</b>	<b>8</b>
				<b>88</b>	<b>80</b>	<b>64</b>
	___x___	___x___	___x___	___x___	___x 10	___x 8
<b>3</b>		<b>12</b>				
	3 x ___	3 x ___	3 x ___	3 x ___	3 x 10	3 x 8
	<b>33</b>	<b>12</b>	<b>15</b>		<b>30</b>	
	___x___	___x___	___x___	___x___	___x 10	___x 8
<b>3</b>	<b>33</b>				<b>30</b>	
	3 x ___	3 x ___	3 x ___	3 x ___	3 x 10	3 x 8
	<b>77</b>		<b>35</b>			
	___x___	___x___	___x___	___x___	___x 10	___x 8
	<b>44</b>					
	___x___	___x___	___x___	___x___	___x 10	___x 8
		<b>28</b>				
	___x___	___x___	___x___	___x___	___x 10	___x 8
<b>7</b>			<b>35</b>			<b>56</b>
	7 x ___	7 x ___	7 x ___	7 x ___	7 x 10	7 x 8

Two fancy pens cost \$10. At that rate, what is the cost of 6 fancy pens?

$$6 \times 7 = \underline{\hspace{2cm}}$$



Circle the greatest number:

960,457,831  
 713,940,286,517  
 8,435,790  
 62,503,498,162

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

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

4+ 1 1234		9+ 4 1234	
8+ 1234	1	2	1234
1234	6+ 1234	1	5+ 4
6+ 1234	1234	1234	1234

Fill in the blanks. These equations are from the puzzle above.

$$\underline{\quad} + 1 + \underline{\quad} = 6$$

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

$$1 + \underline{\quad} = 4$$

$$\underline{\quad} + \underline{\quad} + 1 = 8$$

$$4 + \underline{\quad} = 5$$

$$\underline{\quad} + 4 = 6$$

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

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.

Every row must contain the numbers 1, 2, 3, 4, and 5.

Every column must contain the numbers 1, 2, 3, 4, and 5.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

13+		9+	4	5+
		8+		
17+		7+		4
		7+		
	3	4	1	5

Fill in the blanks. These equations are from the puzzle above.

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

$$3 + \underline{\quad} = 8$$

$$\underline{\quad} + 1 + \underline{\quad} + \underline{\quad} = 7$$

$$\underline{\quad} + \underline{\quad} + 4 = 7$$

$$\underline{\quad} + 2 = 5$$

$$1 + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = 13$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + 3 = 17$$

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

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 6.

Every row must contain the numbers 1, 2, 3, 4, 5, and 6.

Every column must contain the numbers 1, 2, 3, 4, 5, and 6.

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

1	1-	2-		2-	2-
1- 3		1-			4
	1-		5-		4-
1-		3- 4	2	3	
2-			3-	4-	
4	4-			2-	

Fill in the blanks. These equations are from the puzzle above.

$$\underline{\quad} - 4 = 2$$

$$5 - \underline{\quad} = 4$$

$$\underline{\quad} - 3 = 2$$

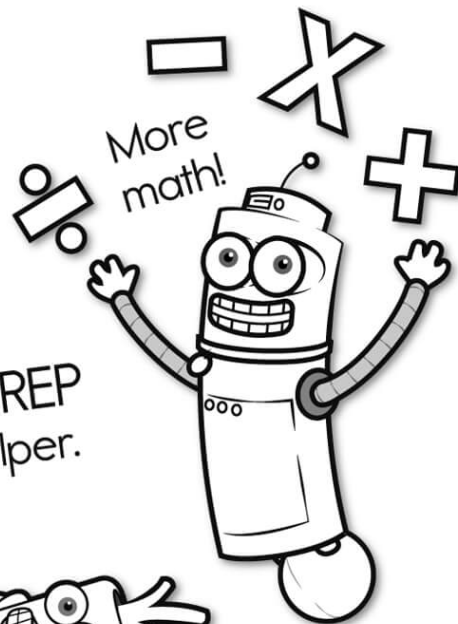
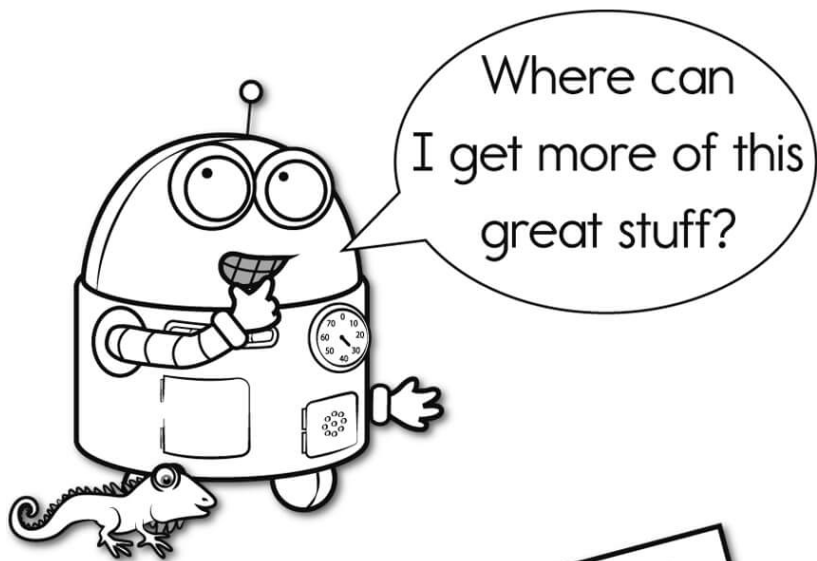
$$5 - \underline{\quad} = 2$$

$$6 - \underline{\quad} = 5$$

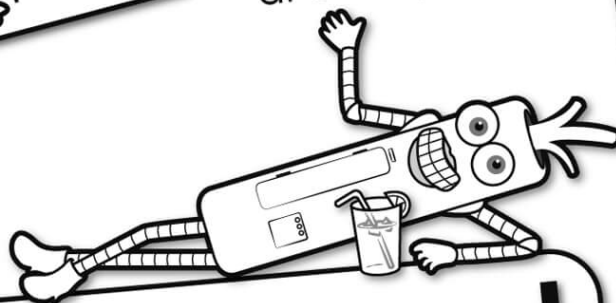
$$\underline{\quad} - 1 = 3$$

$$4 - \underline{\quad} = 1$$

$$5 - \underline{\quad} = 2$$



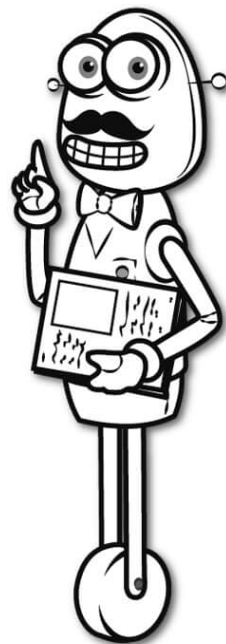
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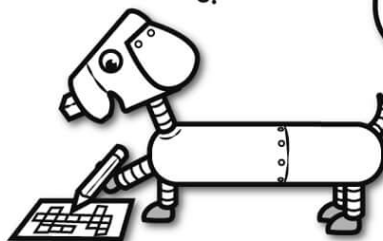
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