

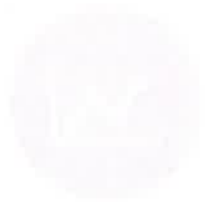


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3rd Grade Worksheet Bundle:

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Math Activities

Draw a line to the correct product.

1 $7 \times 8 =$

- 42
- 56

2 $7 \times 5 =$

- 35
- 70

3 $7 \times 6 =$

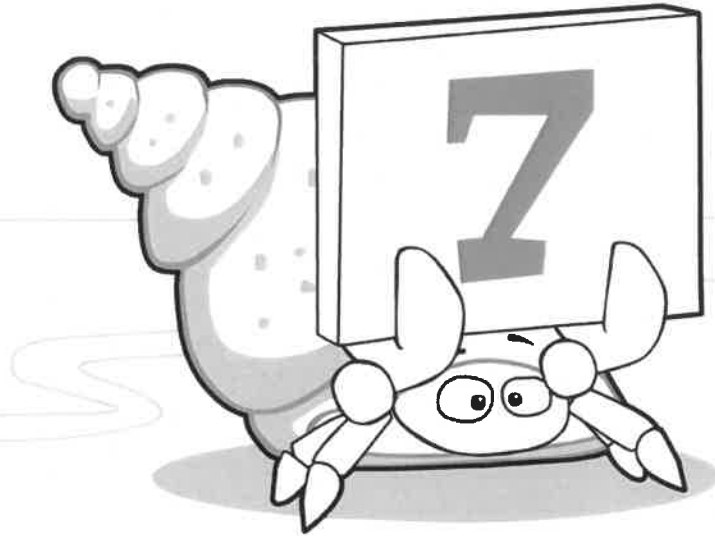
- 56
- 42

4 $7 \times 10 =$

- 63
- 70

5 $7 \times 9 =$

- 63
- 35



Multiply to find the product.

6 $7 \times 1 =$ _____

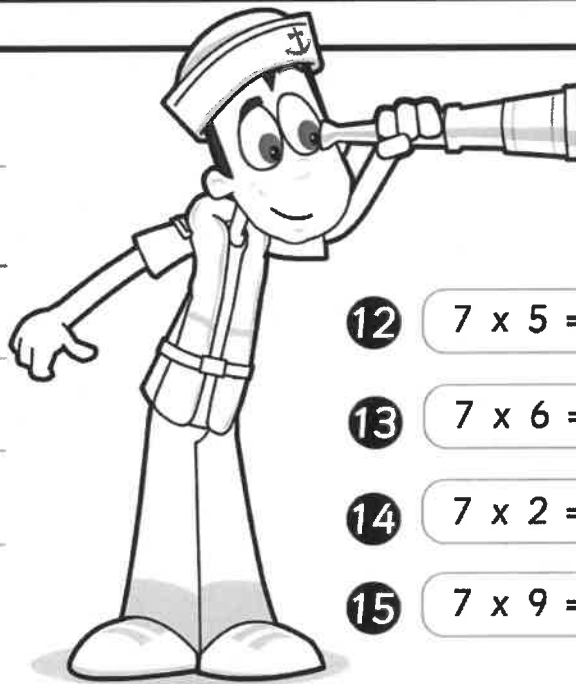
7 $7 \times 10 =$ _____

8 $7 \times 7 =$ _____

9 $7 \times 4 =$ _____

10 $7 \times 3 =$ _____

11 $7 \times 0 =$ _____



12 $7 \times 5 =$ _____











13 $7 \times 6 =$ _____

14 $7 \times 2 =$ _____

15 $7 \times 9 =$ _____

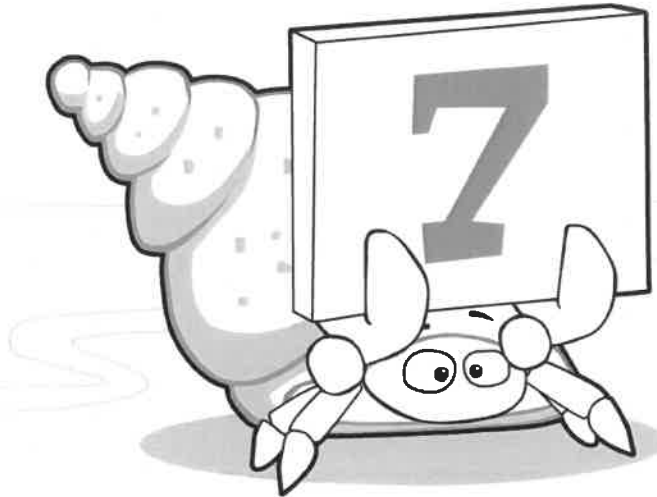
Fill in the blanks to complete the first ten multiples of 7.

16

									
7									70

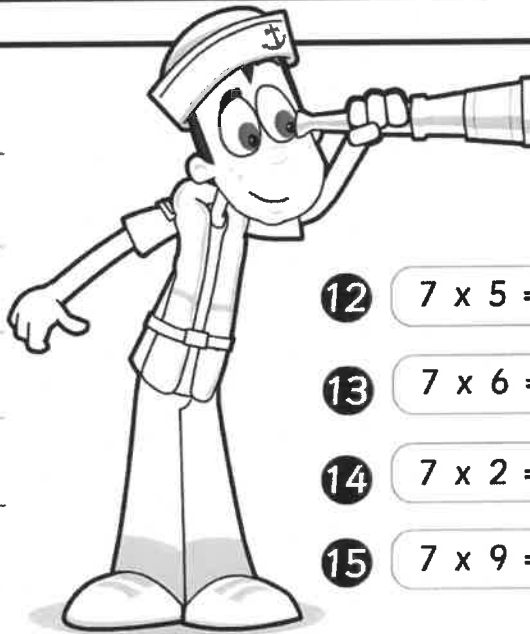
Draw a line to the correct product.

- | | | |
|---|-----------------|----|
| 1 | $7 \times 8 =$ | 42 |
| | | 56 |
| 2 | $7 \times 5 =$ | 35 |
| | | 70 |
| 3 | $7 \times 6 =$ | 56 |
| | | 42 |
| 4 | $7 \times 10 =$ | 63 |
| | | 70 |
| 5 | $7 \times 9 =$ | 63 |
| | | 35 |



Multiply to find the product.

- | | | |
|----|-----------------|-----------|
| 6 | $7 \times 1 =$ | <u>7</u> |
| 7 | $7 \times 10 =$ | <u>70</u> |
| 8 | $7 \times 7 =$ | <u>49</u> |
| 9 | $7 \times 4 =$ | <u>28</u> |
| 10 | $7 \times 3 =$ | <u>21</u> |
| 11 | $7 \times 0 =$ | <u>0</u> |



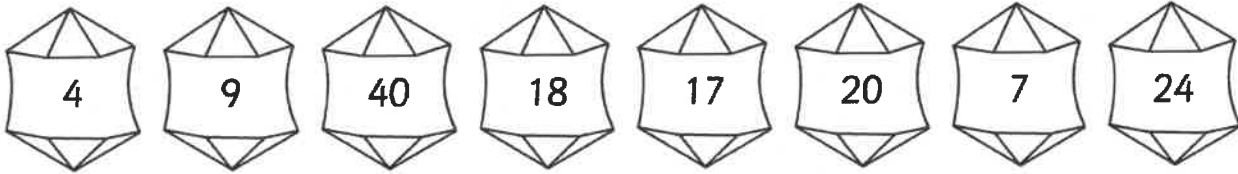
- | | | |
|----|----------------|-----------|
| 12 | $7 \times 5 =$ | <u>35</u> |
| 13 | $7 \times 6 =$ | <u>42</u> |
| 14 | $7 \times 2 =$ | <u>14</u> |
| 15 | $7 \times 9 =$ | <u>63</u> |

Fill in the blanks to complete the first ten multiples of 7.

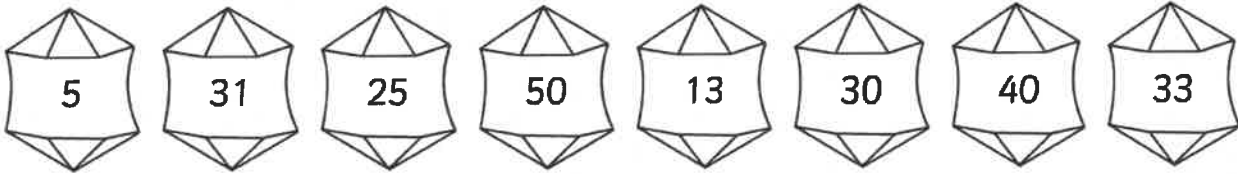
- 16
- | | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
|---|----|----|----|----|----|----|----|----|----|

MOON MISSION

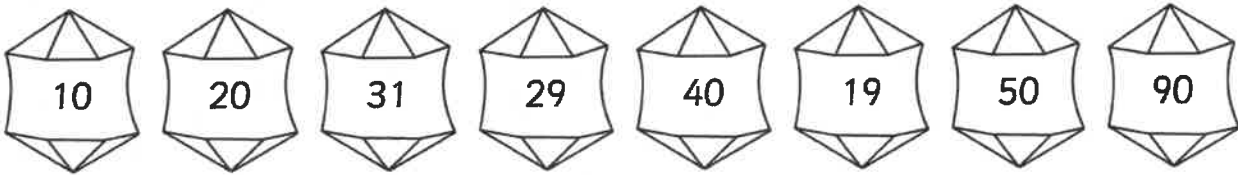
Stig only wants to use crystals that are multiples of 2.
Help him by circling the crystals that are multiples of 2.



Stig only wants to use crystals that are multiples of 5.
Help him by circling the crystals that are multiples of 5.



Stig only wants to use crystals that are multiples of 10.
Help him by circling the crystals that are multiples of 10.



Color in all the numbers that are multiples of 10, multiples of 5 and finally multiples of 2.
Write down which numbers are not colored in below.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

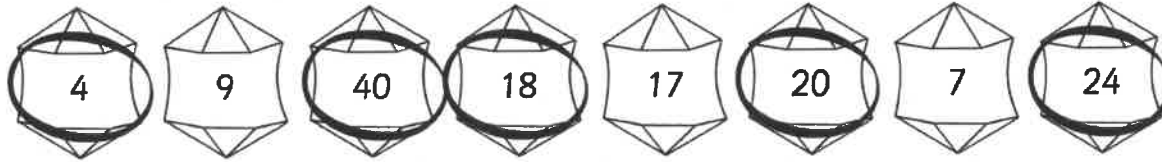


The numbers not colored in are:

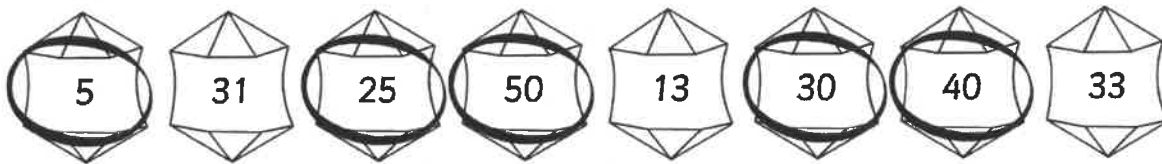
MOON MISSION



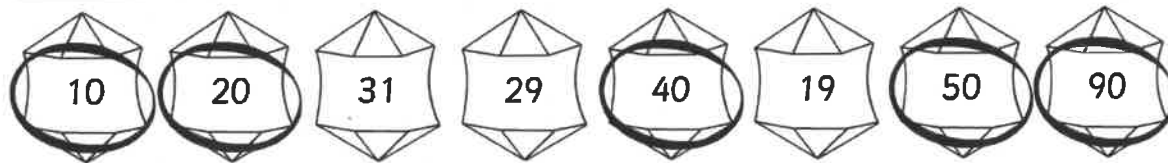
Stig only wants to use crystals that are multiples of 2.
Help him by circling the crystals that are multiples of 2.



Stig only wants to use crystals that are multiples of 5.
Help him by circling the crystals that are multiples of 5.



Stig only wants to use crystals that are multiples of 10.
Help him by circling the crystals that are multiples of 10.



Color in all the numbers that are multiples of 10, multiples of 5 and finally multiples of 2.
Write down which numbers are not colored in below.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50



The numbers not colored in are:

1, 3, 7, 9, 11, 13, 17, 19, 21, 23, 27, 29, 31, 33, 37, 39, 41, 43, 47, 49

Study Island 3rd Grade Math - Real World Algebraic Thinking

Question 1 .

John played a new card game in which he divided a stack of 54 cards evenly among 6 players, including himself.

How many cards did each player get?

- A. 6
- B. 9
- C. 60
- D. 48

Question 2 .

Maggie is planting a flower garden. She has 10 flowers and plants 5 flowers a day. Use a table to determine how many days will it take Maggie to plant all of her flowers.

- A. 2 days
- B. 7 days
- C. 5 days
- D. 4 days

Question 3 .

Kira filled four vases with flowers. She put six flowers in each vase. How many flowers did Kira put in the four vases in all?

Use the model below to help find how many flowers Kira put in the four vases in all.



$$4 \times 6 =$$

- A. 10
- B. 30
- C. 24
- D. 18

Question 4 .

Ryan is finishing the fence around his house. He needs 10 pieces of wood, each 7 feet long. How much wood does Ryan need in all?

- A. 17 feet
- B. 63 feet
- C. 70 feet
- D. 80 feet

Question 5 .

John has 4 bags of apples. Each bag has 4 apples in it. How many apples are in the 4 bags?

- A. 8
- B. 18
- C. 16
- D. 14

Question 6 .

Two scarves cost \$18. Each scarf costs the same amount.

How much does each scarf cost?

- A. \$9
- B. \$7
- C. \$8
- D. \$10

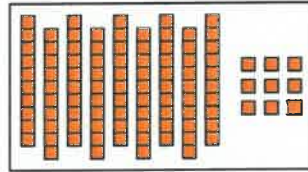
Question 7 .

Jerry put 12 tennis balls into 3 bags. He put the same number of balls in each bag. How many tennis balls are in each bag?

- A. 1
- B. 9
- C. 4
- D. 7

Question 8 .

Ms. Morgan has 99 markers to share equally among 9 groups of students. Use the model below to determine how many markers each group will receive.

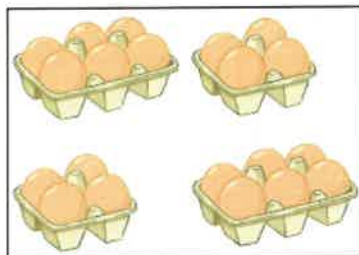


- A. 11
- B. 9
- C. 6
- D. 8

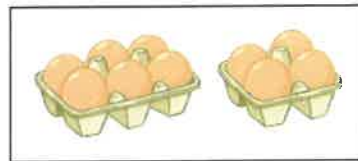
Question 9 .

Mary's mother bought 4 cartons of eggs. Each carton had 6 eggs.

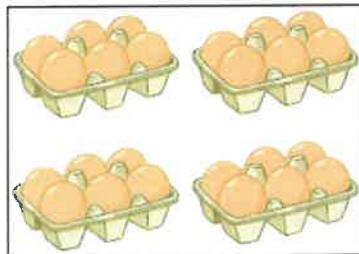
Which of the following models shows the total number of eggs that Mary's mother bought?



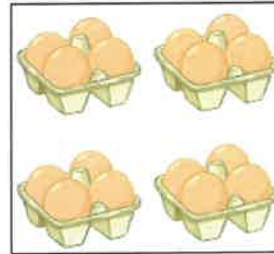
W.



X.



Y.



Z.

- A. Z
- B. Y
- C. W
- D. X

Question 10 .

Directions: Type the correct answer in each box. Use numerals instead of words.

Look at the expression.

$$8 \times 6$$

Fill in the blanks in the story problem to match the expression. Then, solve the expression.

Albert read 8 paragraphs that each had sentences in it. Albert read total sentences.

Answers: Math - Real World Algebraic Thinking

1. B
2. A
3. C
4. C
5. C
6. A
7. C
8. A
9. B
10. --

Explanations: Math - Real World Algebraic Thinking

1. Since John divided the cards evenly among the players, he divided the 54 cards into 6 equal groups.

Use division to find how many cards each player got.

$$54 \div 6 = 9$$

John divided the cards into 6 groups of 9, so each player got 9 cards.

2. Use the table below to help find how many days it will take Maggie to plant all of her flowers.

Starting	Day 1	Day 2
10	$10 - 5 = 5$	$5 - 5 = 0$

Maggie will have 0 flowers left at the end of day 2, so it will take Maggie **2 days** to plant all of her flowers.

3. The model shows four vases. Each vase has six flowers in it.
Add four 6's to find how many flowers Kira put in the four vases in all.

$$\begin{aligned} 6 + 6 + 6 + 6 &= 24 \\ 4 \times 6 &= 24 \end{aligned}$$

So, Kira put **24** flowers in the four vases in all.

4. To find how much wood Ryan needs in all, multiply.

number of pieces \times length of each piece in feet = amount of wood in all

$$7 \text{ feet} \times 10 = \mathbf{70 \text{ feet}}$$

5. Multiply the total number of bags, 4, by the number of apples in each bag, 4.

$$4 \times 4 = \mathbf{16}$$

6. Two scarves cost \$18. To find the cost of each scarf, divide the total cost of the scarves by the number of scarves.

$$\mathbf{\$18} \div 2 = \mathbf{\$9}$$

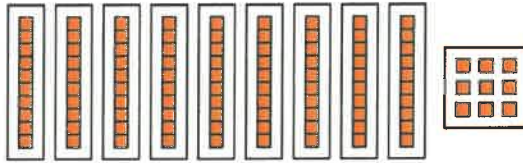
So, each scarf costs **\$9**.

7. Find the number of tennis balls in each bag by dividing the number of balls, 12, by the number of bags, 3.

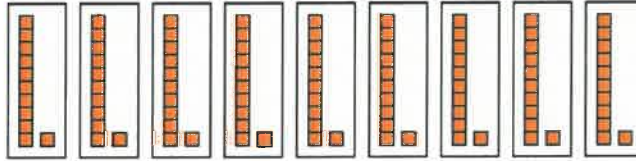
$$12 \div 3 = 4$$

So, there are **4** tennis balls in each bag.

8. Start by placing one block of 10 into each of nine groups.



Then share the ones equally among the same nine groups.



Therefore, each group of 9 students will receive 11 markers.

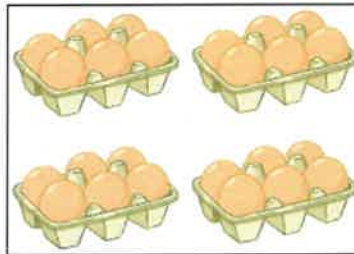
9. Mary's mother bought 4 cartons of eggs. Each carton had 6 eggs. This is the same as 4 groups of 6.

Here, 4 represents the number of groups and 6 represents the number of objects in each group.

Now, look at the given models.

Model Y shows 4 cartons of 6 eggs each, for a total of 24 eggs.

So, model Y represents the total number of eggs that Mary's mother bought.



10. The expression shows 8 times 6. This means that there are 8 groups of 6 objects. Each paragraph Albert read is a group of sentences. Albert read 8 paragraphs, so each paragraph must have 6 sentences in it to match the expression. Next, solve the expression to find how many total sentences Albert read.

$$8 \times 6 = 48$$

So, Albert read 48 total sentences.