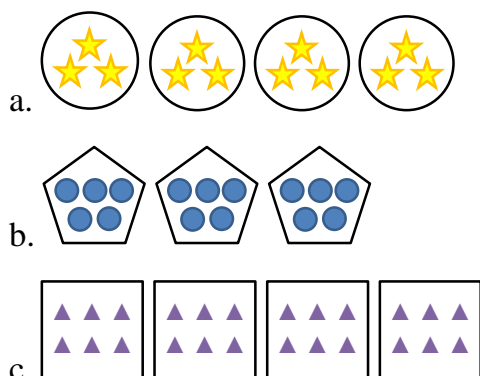


4.OA.A.2 Writing Related Number Sentences

4.OA.A.2: Multiply or divide to solve word problems involving multiplicative comparison.

1. Write the related addition and multiplication sentence.



Solution:

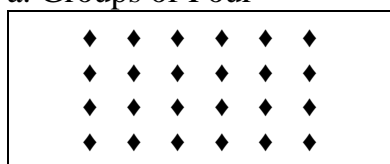
- a. _____

- b. _____

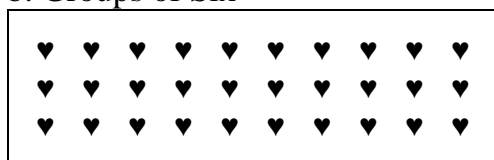
- c. _____

2. Make groups as directed and write the related subtraction and division sentence.

a. Groups of Four



b. Groups of Six



Solution:

- a. _____

- b. _____

3. Write the related multiplication or division sentence.

- a. $12 - 6 - 6 = 0$
b. $8 + 8 + 8 = 24$
c. 4 groups of 6 is 24
d. $3 + 3 + 3 + 3 + 3 + 3 = 18$

Solution:

- a. _____
b. _____
c. _____
d. _____

- e. $15 - 5 - 5 - 5 = 0$
f. $28 - 7 - 7 - 7 - 7 = 0$
g. $9 + 9 + 9 = 27$
h. 5 groups of 3 is 15

Solution:

- e. _____
f. _____
g. _____
h. _____

4. Shiela has 21 dimes. She needs 3 dimes to buy a chocolate bar. How many chocolate bars can she buy? Write a division sentence and draw a picture to show the sentence.

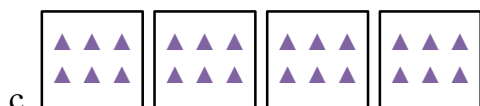
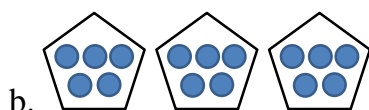
Solution:

4.OA.A.2 Writing Related Number Sentences

4.OA.A.2: Multiply or divide to solve word problems involving multiplicative comparison.

Answer Key

1. Write the related addition and multiplication sentence.



Solution:

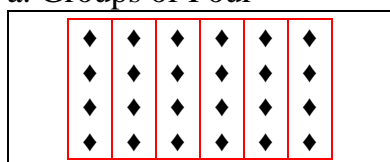
a. $3 + 3 + 3 + 3 = 12$
 $4 \times 3 = 12$

b. $5 + 5 + 5 = 15$
 $3 \times 5 = 15$

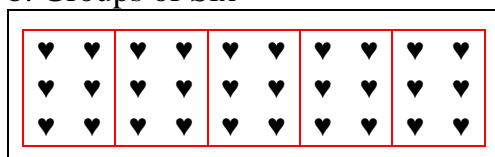
c. $6 + 6 + 6 + 6 = 24$
 $4 \times 6 = 24$

2. Make groups as directed and write the related subtraction and division sentence.

a. Groups of Four



b. Groups of Six



Solution:

a. $24 - 4 - 4 - 4 - 4 - 4 - 4 = 0$
 $24 \div 4 = 6$

b. $30 - 6 - 6 - 6 - 6 - 6 = 0$
 $30 \div 6 = 5$

3. Write the related multiplication or division sentence.

- a. $12 - 6 - 6 = 0$
 b. $8 + 8 + 8 = 24$
 c. 4 groups of 6 is 24
 d. $3 + 3 + 3 + 3 + 3 + 3 = 18$

Solution:

- a. $12 \div 6 = 2$
 b. $3 \times 8 = 24$
 c. $4 \times 6 = 24$
 d. $6 \times 3 = 18$

- e. $15 - 5 - 5 - 5 = 0$
 f. $28 - 7 - 7 - 7 - 7 = 0$
 g. $9 + 9 + 9 = 27$
 h. 5 groups of 3 is 15

Solution:

- e. $15 \div 5 = 3$
 f. $28 \div 7 = 4$
 g. $3 \times 9 = 27$
 h. $5 \times 3 = 15$

4. Shiela has 21 dimes. She needs 3 dimes to buy a chocolate bar. How many chocolate bars can she buy? Write a division sentence and draw a picture to show the sentence.

Solution:

$21 \div 3 = 7$

Answer: 7 chocolate bars

