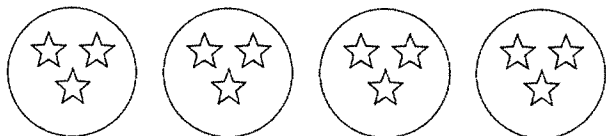


Study Guide

Q1: Which two number sentences best describe this picture?



A $3 + 4 = 7$

B $3 \times 3 = 9$

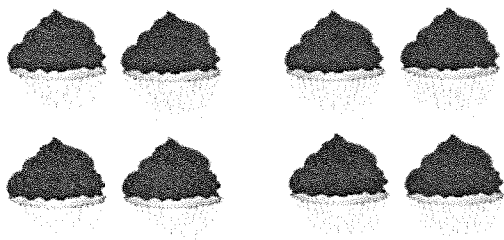
C $4 \times 3 = 12$

D $3 \times 12 = 36$

E $4 + 4 + 4 = 12$

F $3 + 3 + 3 + 3 = 12$

Q2: Samira looks at this picture of cupcakes and says it shows 4×4 . Is Samira correct?



Samira correct because the picture shows .

a.

is

is not

b.

Q3: Josh, Sam, and Pat each have 2 bananas. Make two number sentences that each show the total number of bananas. Drag numbers to fill in each box.

~~DRAG DROP VALUES~~



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

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

Q4: Consider the array of stars.



Complete each statement about the array of stars.

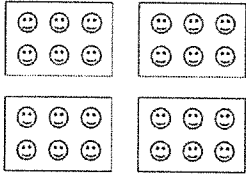
There are rows in the array.

There are columns in the array.

A number sentence that represents the array is

$$\boxed{} \times 3 = \boxed{} .$$

Q5: There are 24 students in Mrs. Brown's class. She puts them into 4 equal groups to play a game.



Enter a division sentence where the answer represents the number of students in each group.

$$\boxed{} \div \boxed{} = \boxed{}$$

There are students in each group.

Q6: José has 18 marbles. He divides them into 3 equal groups. How many marbles are in each group?

- A** 6
- B** 8
- C** 15
- D** 21

Q7: There are 6 puppies lined up to get their food.



How many puppies are in each row?

There are puppies in each row.

Two number sentences that represent the array of puppies are:

$$\boxed{} \div 3 = \boxed{}$$

$$\boxed{} \times 3 = \boxed{}$$

Q8: Which equation can be used to find the answer to $30 \div 5 = \underline{\hspace{1cm}}$?

A $5 \times ? = 30$

B $30 \times ? = 5$

C $5 \div ? = 30$

D $5 \times 30 = ?$

Q9: Fill in the blanks to make true number sentences.

$$7 \times 3 = 3 \times \boxed{\hspace{2cm}}$$

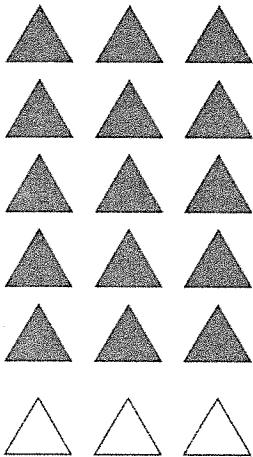
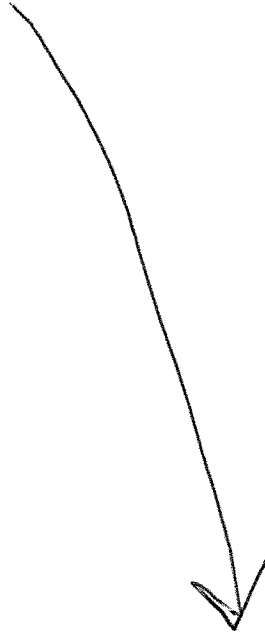
$$\boxed{\hspace{2cm}} \times 5 = 5 \times 3$$

$$3 \times \boxed{\hspace{2cm}} = 9 \times 3$$

Q10: Drag numbers to complete true equations.

~~DRAG DROP VALUES~~

7
9
12
15
18
21

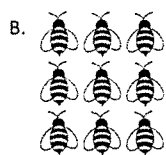


$$6 \times 3 = (5 \times 3) + (1 \times 3)$$

$$6 \times 3 = 15 + \underline{\hspace{2cm}}$$

$$6 \times 3 = \underline{\hspace{2cm}}$$

Q11: Sarah wrote multiplication sentences to describe the arrays shown.



Which two arrays would have multiplication sentences that show related facts?

A A and B

B B and C

C C and A

D D and A

Answer Key of Grade 3 Module 1 Mid-Module Assessment

1. C,F

2. is not
 4×2

3. Tech Enhanced Item

$$2+2+2=6 \quad 3 \times 2=6$$

4. 5

3

5

15

5. 24

4

6

6

6. A

7. 3

6

2

2

6

8. A

9. 7

3

9

10. Tech Enhanced Item

$$6 \times 3 = 15 + 3 \quad 6 \times 3 = 18$$

11. C