Name _____ Date _____

Multiplication as Equal Groups and Arrays: Groups, Rows and Totals

Directions: Multiplication counts equal groups. Picture the groups or the rows before you answer.

1. A fruit stand has 3 bags of oranges. Every bag holds 5 oranges. How many oranges are in the bags altogether?

_____ oranges

2. What does the multiplication 5×7 mean?

A. 5 groups with 7 in each group

B. 5 things and 7 more things

C. 7 things shared by 5 friends

D. 7 things with 5 taken away

3. A muffin tray has 4 rows. There are 7 muffins in every row. How many muffins are on the tray?

_____ muffins

4. Which story can be written as 3×9?

A. A shelf has 9 books, and 3 of them are taken away.

B. Three friends share 9 books equally.

C. Ty has 3 books and gets 9 more books.

D. A bookcase has 3 shelves with 9 books on each shelf.

5. Adding the same number again and again can be written as multiplication. Complete the sentence with two numbers.

$5 + 5 + 5 + 5$ is _____ groups of 5, and it equals _____.

6. Ana fills 6 pages of her stamp book. She puts 4 stamps on every page. How many stamps does she use altogether?

_____ stamps

7. Every spider has 8 legs. How many legs do 6 spiders have?

_____ legs

8. Which plates can you count with multiplication, because every group is the same size?

A. 2 plates with 6 grapes and 1 plate with 3 grapes

B. 4 plates with 1, 2, 3 and 4 grapes

C. 3 plates with 4 grapes on each plate

D. 3 plates with 2, 4 and 5 grapes

9. A window has 3 rows of glass panes, with 6 panes in each row. You can also see it as 6 columns of 3 panes. How many panes are in the window?

_____ panes

10. Tomas buys 4 packs of juice boxes. There are 8 juice boxes in each pack. He also has 5 juice boxes at home. How many juice boxes does Tomas have in all?

_____ juice boxes