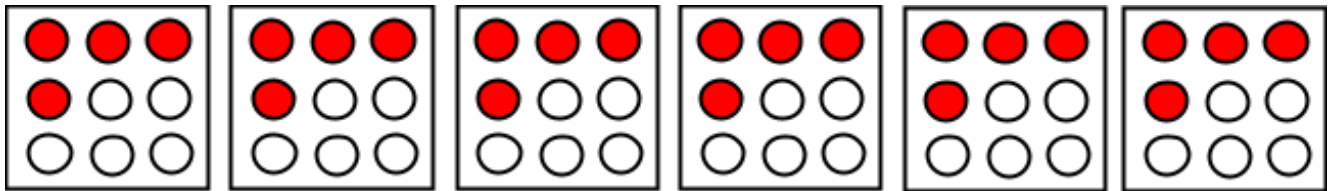


## Test Review

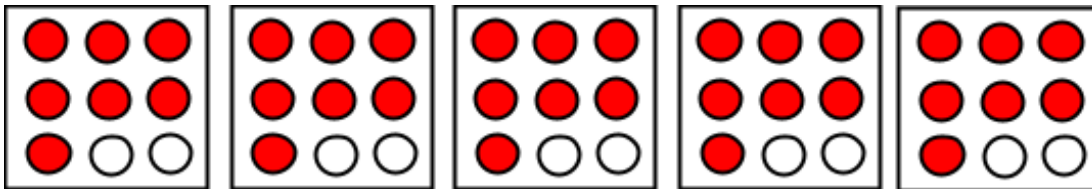
### Part A:

Shade the dots in each group to represent the following expressions:

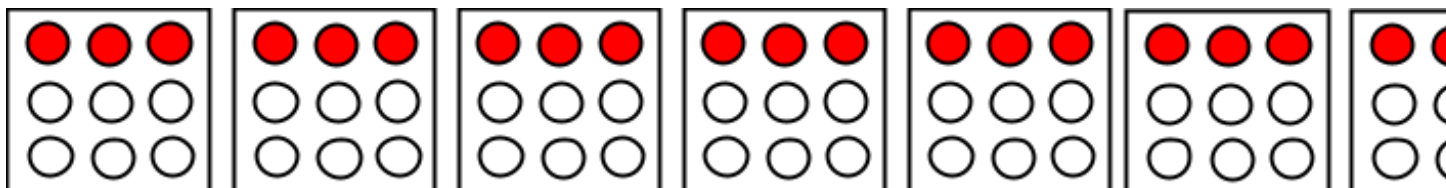
1.  $6 \times 4$



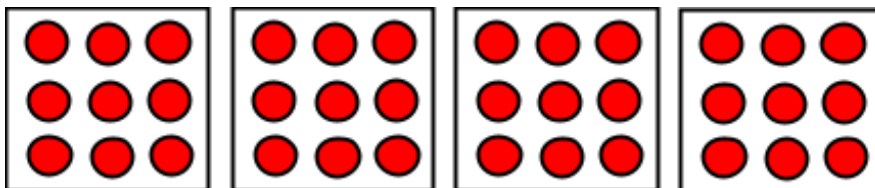
2.  $35 \div 5$



3.  $7 \times 3$

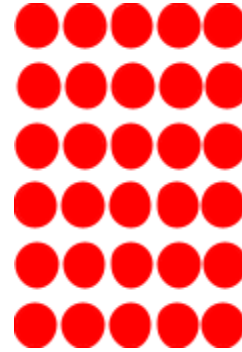
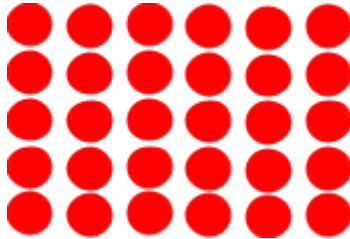


4.  $36 \div 4$



## Part B:

5. Draw the two possible arrays for the expression:  $5 \times 6$



6. Draw the two possible arrays for the expression:  $3 \times 7$



## Part C:

7. How is the expression  $35 \div 5$  related to  $5 \times 7$ ?

The expression  $35 \div 5$  has an answer of 7. The expression  $5 \times 7$  has an answer of 35. They are related because both expressions are in the same fact family. The two expressions include the values 5, 7, and 35.

**Part D:**

Fill in the blanks to complete the distribution.

$$8. 3 \times 9 = 3 \times (4 + 5) = (3 \times 4) + (3 \times 5) = 27$$

$$9. 4 \times 7 = 4 \times (3 + 4) = (4 \times 3) + (4 \times 4) = 28$$

$$10. 5 \times 8 = 5 \times (5 + 3) = (5 \times 5) + (5 \times 3) = 40$$

$$11. 27 \div 3 = (15 + 12) \div 3 = (15 \div 3) + (12 \div 3) = 9$$

$$12. 32 \div 4 = (20 + 12) \div 4 = (20 \div 4) + (12 \div 4) = 8$$

**Part E:**

Complete all the equation and take note of your time.

13.

$3 \times \underline{10} = 30$	$\underline{5} \times 8 = 40$	$\underline{12} \div 2 = 6$
$14 \div 7 = \underline{2}$	$32 \div \underline{8} = 4$	$10 \times 4 = \underline{40}$
$9 \times \underline{3} = 27$	$\underline{3} \times 5 = 15$	$36 \div \underline{9} = 4$
$4 \times 8 = \underline{32}$	$6 \times 5 = \underline{30}$	$3 \times 6 = \underline{18}$
$6 \times \underline{5} = 30$	$18 \div 9 = \underline{2}$	$20 \div 5 = \underline{4}$
$28 \div \underline{4} = 7$	$5 \times 4 = \underline{20}$	$12 \div 2 = \underline{6}$
$16 \div 4 = \underline{4}$	$5 \times 5 = \underline{25}$	$3 \times \underline{6} = 18$
$2 \times \underline{7} = 14$	$40 \div \underline{8} = 5$	$\underline{3} \times 7 = 21$

## Part F:

Solve the following word problems step-by-step.

14. Joanna has 45 books. Each shelf has an equal amount of books. She has 5 shelves. How many books are in each shelf?

**First**, understand:

Joanna has 45 books and 5 shelves. Each shelf has the same number of books.

**Second**, identify the values:

45 books and 5 shelves

**Third**, choose the operation:

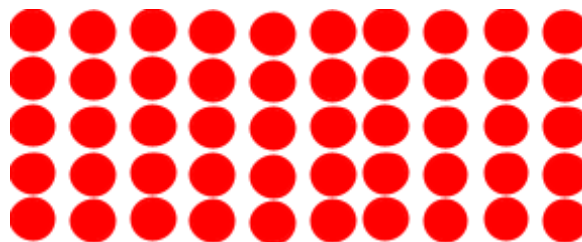
Division

**Fourth**, write the number sentence:

$$45 \div 5 = ?$$

**Fifth**, illustrate:

We can use the array model strategy



**Sixth**, solve and label your final answer.

$$45 \div 5 = 9$$

There are 9 books in each shelf.

15. Riley has 7 bags of 3 mangoes. How many mangoes does Riley have all in all?

**First**, understand:

Riley put 3 mangoes each in 7 bags.

**Second**, identify the values:

7 bags and 3 mangoes.

**Third**, choose the operation:

Multiplication

**Fourth**, write the number sentence:

$7 \times 3 = ?$

**Fifth**, illustrate:

We can use the equal groups strategy



**Sixth**, solve and label your final answer.

$7 \times 3 = 21$

Riley has 21 mangoes altogether.