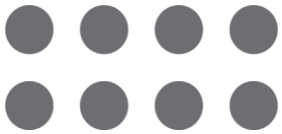
Name _____

Grade 4

Prerequisite Skills Practice

1. Use the array to fill in the blanks.



____ rows

____ columns

____ × ____ = ____

---

2. Use the array to complete the equations.

$9 \times ____ = 36$

$36 \div 9 = ____$

---

3. Find the product.

$3 \times 8 = ____$

4. Find the quotient.

$20 \div 5 = ____$

---

5. Find the missing factor.

$2 \times ____ = 8$

6. Find the product.

$4 \times (2 \times 3) = ____$

---

7. Find the sum.

$$\begin{array}{r} 521 \\ +\ 415 \\ \hline \end{array}$$

8. Find the difference.

$$\begin{array}{r} 942 \\ -\ 631 \\ \hline \end{array}$$

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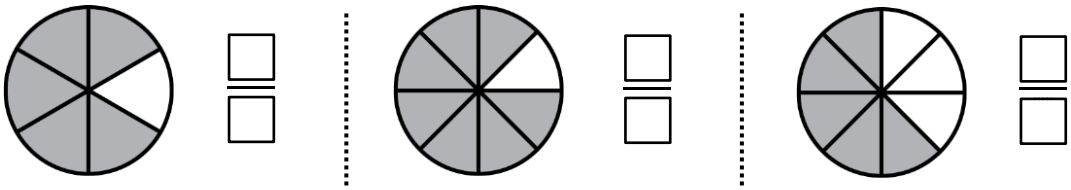
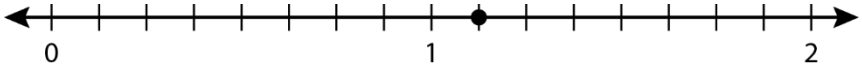
Prerequisite Skills Practice (continued)

9. What fraction of each whole is shaded?



10. What is the fraction shown by the point on the number line.



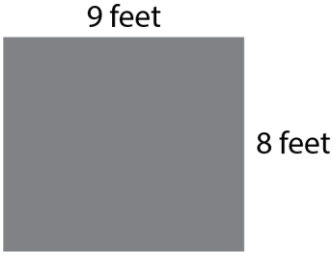
11. Find the equivalent fraction.

$$\frac{3}{3} = \frac{\square}{4}$$

12. Compare.

$$\frac{4}{4} \bigcirc \frac{0}{4}$$

13. Find the area of the rectangle.



_____ × _____ = _____

Area = _____

14. What is the total liquid volume shown?

_____ liters _____ milliliters

15. You buy a net and 3 jars. You spend $32. The net costs $11. Each jar costs the same amount. How much is each jar?

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Name_____

Grade 4

Prerequisite Skills Practice Item Analysis

Item Number	Skills
1	using an array to multiply
2	relating multiplication and division
3	multiplying within 100
4	dividing within 100
5	finding a missing factor
6	multiplying three factors
7	adding three-digit numbers
8	subtracting three-digit numbers
9	writing fractions
10	plotting fractions on a number line
11	finding equivalent fractions
12	comparing fractions with the same denominator
13	finding the area of a rectangle
14	measuring volume
15	solving two-step word problems

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