

Multiplication and Division of Rational Numbers (Review)

Name: _____

Date: _____

1. $9 \div -\frac{2}{7} = \underline{\hspace{2cm}}$

2. $12 \div -\frac{5}{8} = \underline{\hspace{2cm}}$

3. $-5 \times -12 = \underline{\hspace{2cm}}$

4. $-8 \times -9 = \underline{\hspace{2cm}}$

5. $-48 \div 6 = \underline{\hspace{2cm}}$

6. $-54 \div 9 = \underline{\hspace{2cm}}$

7. $-26 \times -7 = \underline{\hspace{2cm}}$

8. $-56 \times -12 = \underline{\hspace{2cm}}$

9. $-43 \times -8 = \underline{\hspace{2cm}}$

10. Simplify: $\frac{-64}{-8}$

11. Simplify the expression.

$$\left(\frac{1^2}{3}\right) \cdot \frac{3}{5}$$

- A. $\frac{1}{25}$ B. $\frac{1}{15}$ C. $\frac{1}{5}$ D. $\frac{3}{14}$

12. Divide.

$$-1\frac{1}{5} \div -1\frac{5}{6}$$

- A. $-\frac{11}{5}$ B. $-\frac{36}{55}$ C. $\frac{36}{55}$ D. $\frac{11}{5}$

13. Which of the following is equivalent to the expression below?

$$3(1.50) + 3(2.50)$$

14. Simplify.

$$3(2.25)^2$$

15. What is the value of $4.25 \div 17 \times 122$?

16. Divide:

$$\left(-\frac{2}{7}\right) \div \left(\frac{3}{5}\right)$$

17. What is the product of $3(-16)$?

18. What is the value of the expression $521.6 \div 4^2$?