

Multiplying and Dividing Real Numbers Assignment

Find the product.

1. $(4)(-5)$

2. $(-1)(-5)\left(\frac{6}{25}\right)$

3. $(13)(-2)\left(-\frac{6}{7}\right)(21)$

4. $(12)\left(\frac{8}{144}\right)(6)(2)$

5. $(-20)(-7)$

6. $(-4)(-8)\left(\frac{3}{4}\right)$

Find the quotient.

7. $(-90) \div \left(-\frac{5}{6}\right)$

8. $\frac{-35}{70}$

9. $(75) \div \left(-\frac{3}{5}\right)$

10. $(50) \div (-5)$

11. $\frac{18}{-54}$

12. $(-32) \div (-4)$

Simplify each expression.

13. $6x(-3y) + (-6a)(-2b)$

14. $\frac{42t - 14u}{7}$

15. $(-7)\left(-\frac{x}{-7}\right)$

Name: _____ Period: _____ Date: _____

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Evaluate each expression.

16. $2y^3 - (-9y)$ when $y = 2$

17. $\frac{15x^2 + 12}{x}$ when $x = -3$

18. $(3)\left(-\frac{y}{15}\right)$

19. $\frac{x + 6}{5}$ when $x = 24$

20. How many $4\frac{1}{2}$ meters of ribbon are there in a 120 meter spool?