

2-4

Skills Practice

Dividing Rational Numbers

Find each quotient.

1. $-32 \div (-4)$

2. $-28 \div 7$

3. $-45 \div (-15)$

4. $39 \div (-3)$

5. $-56 \div 14$

6. $62 \div (-4)$

7. $-23 \div (-5)$

8. $52 \div (-8)$

9. $-90 \div 12$

10. $-16.5 \div 11$

11. $-1.44 \div 1.2$

12. $-16.2 \div (-0.4)$

13. $6 \div \left(-\frac{2}{9}\right)$

14. $-\frac{3}{4} \div \frac{1}{2}$

15. $-\frac{2}{3} \div \left(-\frac{1}{4}\right)$

16. $\frac{1}{2} \div \frac{2}{3}$

Simplify each expression.

17. $\frac{27a}{3}$

18. $\frac{216x}{12}$

19. $\frac{16c - 4}{-4}$

20. $\frac{-54z + 18}{-9}$

Evaluate each expression if $g = -4$, $h = 2.5$, $k = 1.4$, and $m = -0.8$. Round to the nearest hundredth.

21. $\frac{gh}{m}$

22. $\frac{hm}{g}$

23. $\frac{hk}{m}$

24. $hk \div gm$

25. $km \div gh$

26. $\frac{k + m}{g}$