2-5 Practice

Dividing Integers

Find each quotient.

1. $-44 \div 4$

2. $0 \div (-5)$

3. $-21 \div 21$

4. $32 \div 8$

5. $-17 \div -17$

6. $-49 \div 7$

7. $80 \div -4$

8. $-64 \div -8$

9. $\dfrac{72}{-9}$

10. $\dfrac{-100}{-5}$

11. $\dfrac{-90}{6}$

12. $\dfrac{360}{12}$

13. $\dfrac{-400}{-25}$

14. $\dfrac{-525}{5}$

15. $\dfrac{84}{-6}$

16. $\dfrac{215}{5}$

Evaluate each expression if $a = -2$, $b = 5$, and $c = -4$.

17. $-35 \div b$

18. $54 \div a$

19. $-56 \div c$

20. $205 \div b$

21. $\dfrac{c}{-2}$

22. $\dfrac{b}{5}$

23. $\dfrac{2}{a}$

24. $\dfrac{-4}{c}$

25. $\dfrac{-28}{c}$

26. $\dfrac{ac}{-8}$

27. $\dfrac{bc}{a}$

28. $\dfrac{250}{ab}$

Find the average (mean) of each group of numbers.

29. $23, 20, 27, 18$

30. $-8, 9, 4, 0, 2, -1$

31. $17, 21, 4$

32. $-20, -15, -12, -1, 1, 12, 15, 20$

33. $-7, -3, -9, 0, 21, -2, -14$

34. **TESTS**   Miranda earned scores of 84, 91, 95, 78, and 92 on her math tests. Find her average (mean) score.

35. **TEMPERATURE**   At noon on Friday, the temperature was 0°F. Six hours later the temperature was -18°F. On average, what was the temperature change per hour?

36. **BUSINESS**   The architecture firm of Stuart and Maxwell, Ltd., had monthly profits of $1200, $755, $-$450, $210, and $-$640 over 5 months. What was the average profit for those months?

Lesson 2-5