

Practice Worksheet 7-7**Multiplying Integers**

Solve each equation.

1. $m = 2(-8)$

2. $-3(-4) = t$

3. $x = 8(-4)$

4. $(-5)(-5) = p$

5. $r = -12(5)$

6. $(-4)^2 = w$

7. $e = -12(13)$

8. $14(-3) = v$

9. $n = -14(-5)$

10. $(-11)^2 = h$

11. $d = -7(-8)$

12. $b = -9(10)$

Evaluate each expression if $m = -6$, $n = 3$, and $p = -4$.

13. $-4m$

14. np

15. $2mn$

16. $-2m^2$

17. $-5np$

18. $-10mp$

19. $-12np$

20. mnp

21. p^2

Practice Worksheet 7-8

Dividing Integers

Solve each equation.

1. $f = -16 \div (-4)$

2. $-100 \div 10 = v$

3. $m = -28 \div 7$

4. $52 \div (-4) = g$

5. $d = -125 \div (-25)$

6. $-32 \div (-16) = q$

7. $e = -120 \div (-12)$

8. $45 \div (-9) = r$

9. $p = 33 \div (-3)$

10. $-36 \div 12 = z$

11. $d = -200 \div (-25)$

12. $c = -88 \div 11$

Evaluate each expression if $e = -36$, $f = 4$, and $g = -3$.

13. $\frac{e}{f}$

14. $-48 \div g$

15. $\frac{e}{fg}$

16. $e^2 \div f$

17. $\frac{e}{g^2}$

18. $eg \div f$

19. $\frac{e^2}{fg}$

20. $\frac{-100}{f}$

21. $\frac{e^2}{g^2}$