

# Multiplying and Dividing Integers HW

Key

odd # -  
1)  $2 \cdot (-7) = -14$

even # +  
2)  $(-8) \cdot (-3) = 24$

odd # -  
3)  $(-9) \cdot 4 = -36$

even # -  
4)  $(-6) \cdot 1 \cdot (-8) = 48$   
 $-6 \cdot -8$

odd # -  
5)  $13 \cdot (-1) = -13$

even # -  
6)  $5 \cdot (-6) \cdot (-2) = 60$   
 $-30 \cdot -2$

odd # -  
7)  $(-6) \cdot (-1) \cdot (-2) = -12$   
 $6 \cdot -2$

even # -  
8)  $(-6) \cdot (-3) = 18$

odd # -  
11)  $(-15) \div 5 = -3$

even # +  
12)  $(-16) \div (-16) = 1$

even # +  
13)  $64 \div (-8) \div (-2) = 4$   
 $-8 \div -2$

odd # -  
14)  $56 \div (-8) = -7$

odd # -  
15)  $12 \div (-1) = -12$

9) The value of a piece of office equipment is changing at a rate of  $-\$175$  per year. How long will it take for the change in value to be  $-\$1050$ ?  $\frac{-1050}{-175} = 6$  It will take 6 years.

10) A submersible started at the surface of the water and was moving down at  $-12$  meters per minute toward the ocean floor. The submersible traveled at this rate for 32 minutes before coming to rest on the ocean floor. What is the depth of the ocean floor?  $32(-12) = -384$

The ocean floor is at a depth of 384 meters.