

# Multiplying and Dividing Integers Stations

Name: KEY

## Station 1

- a)     =      
 b)     =      
 c)     =      
 d)     =

## Station 2

1.

- a) 10  
 b) -1.5  
 c) 0  
 d) -18

2. Never negative  
(always positive)

## Station 3

- 1) A, C, D, E  
 2) C

## Station 4

$$-a \cdot \boxed{-b} = c$$

$$\boxed{a} \cdot \boxed{-b} = -c$$

or  
 $-a \cdot b$

$$\frac{\boxed{-c}}{\boxed{-b}} = a$$

$$\frac{-c}{b} \text{ or } \frac{\boxed{c}}{\boxed{-b}} = -a$$

## Station 5

- a) -3, -1, -4, -8  
 b) -3, -1, -4, -8  
 c) 0  
 d) 8, 2, 9

## Station 6

1) Equation:

$$\underline{-3 - 2(5) + 4(x) = 7}$$

Answer: 5

## Station 7

- a) No  
 b) Yes  
 c) Yes  
 d) Yes  
 e) No  
 f) No  
 g) No  
 h) No

## Station 8

1) Equation:

$$\underline{-255(x) = -2,040}$$

Answer: 8

**Station 9**

1) A, D

2) B, C

3) C

**Station 10**

1) Expression:

$$\underline{-9(3)}$$

Answer: -27

2) Expression:

$$\underline{-175x = -1,050}$$

Answer: 6