Operations on Integers Assignment
Answers:

Part A: Tell whether each statement below is **TRUE** or **FALSE**.

FALSE   1. On a number line, if a number is negative, the movement is always to the right.

TRUE   2. The sum of negative integers is negative.

3. In adding different signed integers, the sum carries the sign of the addend that has a greater
TRUE   absolute value.

FALSE   4. The product of $(-1)(1)(-3)(2)(-1)(1)(-1))(2)$ is negative.

TRUE   5. In multiplying and dividing same signed integers, the answer is always positive.

Part B: Add

1. $(-7) + 10 = $ **3**

2. $-18 + 81 = $ **63**

3. $(-12) + 16 + (-10) = $ **−6**

4. $-28 + 21 + (-24) = $ **−31**

Part C: Subtract

1. $-32 - 16 = $ **−48**

2. $84 - 104 = $ **−20**

3. $16 - (-25) = $ **41**

4. $-25 - (-25) = $ **0**

Part D: Multiply

1. $(9)(12) = $ **108**

2. $(-10)(54) = $ **−540**

3. $(-18)(-12) = $ **216**

4. $(-3)(2)(-2)(1)(-1)(2) = $ **−24**

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Part E: Multiply

1. $125 \div (-5) = \text{-25}$

2. $-459 \div 51 = \text{-9}$

3. $-98 \div -49 = 2$

4. $121 \div -11 = 11$

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