

## Math Review #2

1. Complete the problem below.

The table below shows the elevations at which different artifacts were found during an archeological dig.

Artifact	Elevation
arrow head	15 feet above sea level
bone	721 feet above sea level
clay bowl	sea level
necklace	462 feet above sea level
woven basket	1,200 feet below sea level

Write the name of each artifact and the elevation at which each artifact was found using a positive integer, zero, or negative integer.

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Explain how you determined if an elevation required a positive integer, zero, or negative integer.

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2. Which situation would be represented by a negative integer?
- a. A mountain climber descending (going down) a mountain
  - b. A price increase
  - c. A person winning a sum of money
  - d. An elevator going from the 2<sup>nd</sup> floor to the 5<sup>th</sup> floor

3. Answer the questions below.

Keith has  $-\$190$  in his savings account. Aisha has  $\$80$  in her savings account and Sonya has  $-\$250$  in her savings account.

- a) Who has the most amount of money in their savings account?
  
  
  
  
  
  
- b) Who has the least amount of money in their savings account?

4. What is 40% of 80?

5. Use the Order of Operations to solve.

$$2^3 - (12 \div 6) + 8$$

6. Use the Distributive Property to rewrite each expression in **expanded form**:

Example:  $3(a+2) = 3 \cdot a + 3 \cdot 2 = 3a+6$

a.  $7(4+5)$

b.  $4(p+r) - 2$

c.  $a(b+c)$