

Name _____ Class _____ Date _____

Answers:

1. Which number has zero(s) that are NOT significant?

- a. 9007 b. 65.00 c. 1010. d. 0.600 e. 3.00×10^{27}

2. State the number of significant figures in each measurement.

_____ a. 734 grams

_____ b. 82.400 meters

_____ c. 607 liters

_____ d. 1×10^{-4} hertz

3. Solve the following. ***Round the answers to the appropriate number of sig fig's.***

a. $8.21 \text{ cm} \times 6.081 \text{ cm} \times 15.031 \text{ cm} =$ _____

b. $9.007 \text{ m} - 0.007 \text{ m} =$ _____

Sig Fig's: Quiz 2a

/5

1. Which number has zero(s) that are NOT significant?

- a. 9007 b. 65.00 c. 1010. **d. 0.600** ✓ e. 3.00×10^{27}

2. State the number of significant figures in each measurement.

3 a. 734 grams ✓

5 b. 82.400 meters ✓ ½ mark each

3 c. 607 liters ✓

1 d. 1×10^{-4} hertz ✓

3. Solve the following. ***Round the answers to the appropriate number of sig fig's.***

a. $8.21 \text{ cm} \times 6.081 \text{ cm} \times 15.031 \text{ cm} = \underline{750. \text{ cm} = 7.50 \times 10^2 \text{ cm}}$ ✓

b. $9.007 \text{ m} - 0.007 \text{ m} = \underline{9.000 \text{ m}}$ ✓