

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

Answers:

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

- a. 9003    b. 0.750    c. 2020.    d. 65.00    e.  $7.00 \times 10^{27}$

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

\_\_\_\_\_ a. 92 000 °C

\_\_\_\_\_ b. 0.00301 seconds

\_\_\_\_\_ c. 400 010 mm

\_\_\_\_\_ d.  $1.010 \times 10^3$  Branco's (this is of course assuming **Branco's** are significant)

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

a.  $3.48 \times 10^2$  meter / 3.048 seconds = \_\_\_\_\_

b.  $1.304 \times 10^4 + 9.83 \times 10^1 =$  \_\_\_\_\_

## Sig Fig's: Quiz 2b

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

- a. 9003    **b. 0.750** ✓    c. 2020.    d. 65.00    e.  $7.00 \times 10^{27}$

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

2 ✓ a. 92 000 °C

3 ✓ b. 0.00301 seconds ½ mark each

5 ✓ c. 400 010 mm

4 ✓ d.  $1.010 \times 10^3$  Branco's (this is of course assuming **Branco's** are significant)

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

a.  $3.48 \times 10^2$  meter / 3.048 seconds = 114 m ✓

b.  $1.304 \times 10^4 + 9.83 \times 10^1 =$   $1.313 \times 10^4 = 13130$  ✓