

## Physics Practice

### Scientific Notation/ Significant Figures/ Conversions

#### Significant Figures –

1. 9.0004 - \_\_\_\_\_

2. 0.0004 - \_\_\_\_\_

3. 1.020 - \_\_\_\_\_

4. 5,000 - \_\_\_\_\_

5. 3.6 - \_\_\_\_\_

6. 80,600.0 - \_\_\_\_\_

7. 450,200 - \_\_\_\_\_

8. 87,450.00 - \_\_\_\_\_

#### Math and Sig Figs -

1. For multiplication and division round to the lowest number of sig. figs.

2. For addition and subtraction round to the lowest number of decimals.

#### Calculator

answer:

With correct sig figs.

Rule (1 or 2)

1)  $8.4 \times 2,420 =$

2)  $6.02 - 3 =$

3)  $6,800,000 \div 2.245 =$

4)  $10,500.12 + 7.2 =$

5)  $54.602 - 4.2 =$

6)  $10004 \times 3.35 =$

7)  $3.24 \div 10 =$

8)  $9900.108 + 34.00 =$

If 4.5 brats = 2 knuts and 1 knut = 14 jyties and 2.2 jyties = 1 moolims

Convert 10 brats to jyties.

Convert 6.5 moolins to brats