Remember:

1. Some calculators have a $\wedge$ key, while others may have a y^x or a x^y key.

2. About 60% or more of the calculations we do in life are estimates.

3. BEDMAS for the order of operations.

4. Ask " Is this reasonable?" when solving a problem.

5. Label triangles properly!...Capital letters for a Vertex and the angle at a vertex...corresponding lower case letter to represent the length of the opposite side to that vertex.

6. To solve for variables in the denominator either cross multiply or use equivalent ratios.

7. Show your work/steps in your calculations.!!!!

UNIT I PRE-TEST

Squares

1. Evaluate without using a calculator.

   a) 2^2

   b) 3^2

   c) 5^2

   d) 10^2

2. Estimate. Then, calculate.

   a) 5.1^2

   b) 6.9^2

   c) 2.23^2

   d) 10.02^2

   e) 62^2

   f) 103.5^2

3. Evaluate.

   a) $3^2 + 4^2$

   b) $5.5^2 + 7.8^2$

   c) $16^2 - 4^2$

   d) $100 - 5^2$

   e) $25 + 3^2$

   f) $4.02^2 - 2.01^2$

Square Roots

4. Calculate. Express your answer to the nearest tenth.

   a) $\sqrt{4}$

   b) $\sqrt{25}$

   c) $\sqrt{68}$

   d) $\sqrt{105}$

   e) $\sqrt{10.25}$

   f) $\sqrt{35.75}$

Attachments

- Learner_Evaluation_Preferences[3].docx
- Math 110 Course Outline 2018.doc
- Bathurst High School