

## GRADE 11 ESSENTIAL UNIT G – TRIGONOMETRY REVIEW FROM GRADE 10 ESSENTIAL

Name:\_\_\_\_\_ Date: \_\_\_\_\_

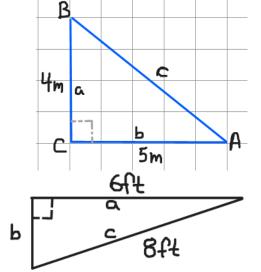
This is a *quick review* of the skills you acquired in Grade 10 Essential Trigonometry. **Answers** at end. '**Cheat Sheet**' notes provided also at end. Show work of course so you ensure you are doing it correctly. **Write** the formula, then **plug in** the numbers, then **solve**.

Round to nearest 0.01 for decimal numbers, round to nearest 0.1 for degrees. Diagrams are not necessarily drawn to scale! So, measuring with a ruler or protractor is useless.

1. Pythagoras (given two short legs)

Determine length c.

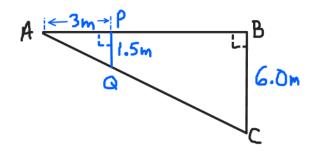
2. Pythagoras (given hypotenuse)

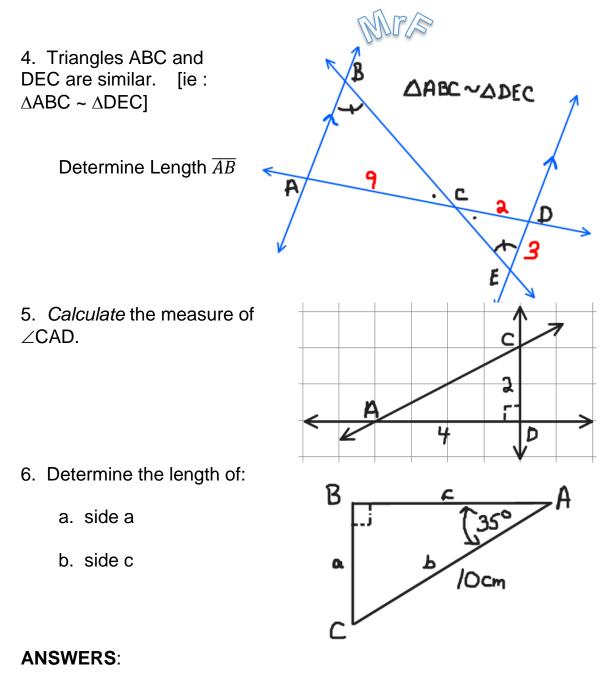


Determine length b

3. Triangles ABC and APQ are similar. [ie :  $\triangle ABC \sim \triangle APQ$ ]

- a. Determine length  $\overline{AB}$
- b. Determine length  $\overline{AC}$

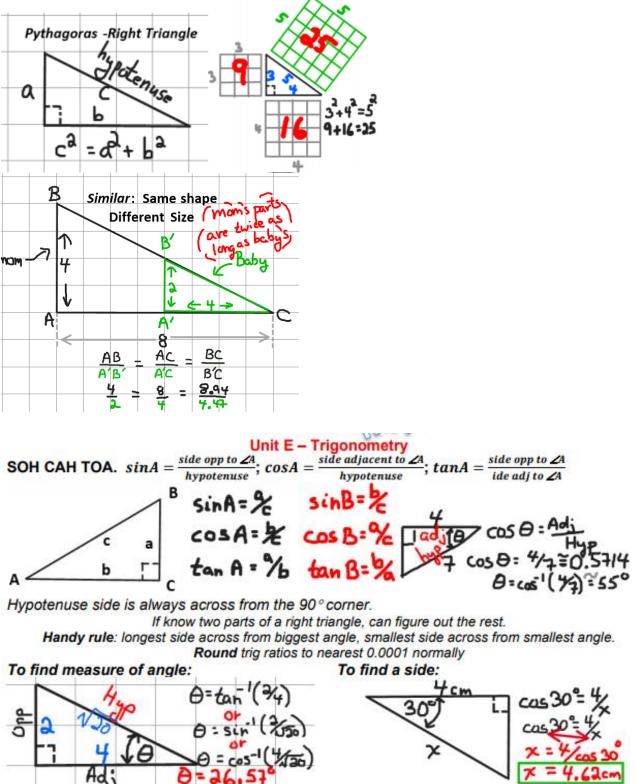




- 1. 6.40m 2. 5.29 3a. 12 m 3b. 13.42 m
- 4. 13.5 units 5.  $26.57^{\circ}$  6a. 5.74 cm 6b. 8.19 cm



## CHEAT SHEET NOTES FROM GRADE 10



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