**Term III Math Exam Review**

**Pages from Notebook:**

Page 40 - Units of Measurement

Page 41 - Rates and Ratios

Page 42 - Scale Factor

Page 43 - Similar Polygons

Page 44 - Similar Triangles and Applications

Page 45 - Lines of Symmetry

Page 46 - Tangents to a Circle

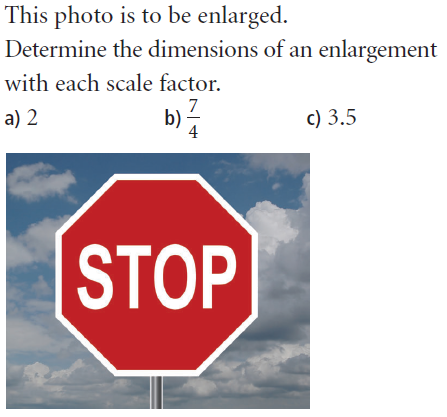
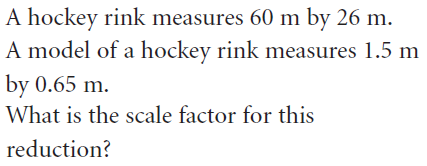
Page 47 - Chords in a Circle

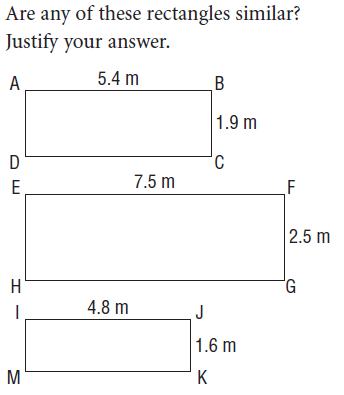
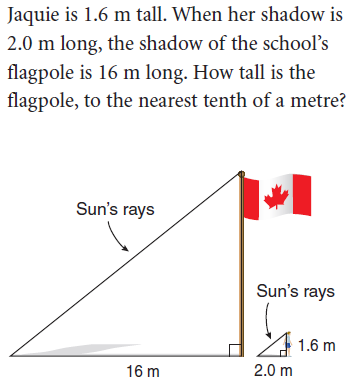
Page 48 - Circle Angle Properties

Page 49 - Types of Probability

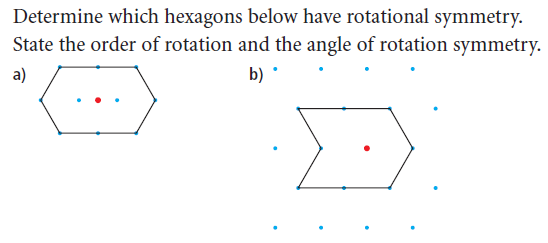
Page 50 - Sampling and Bias﻿

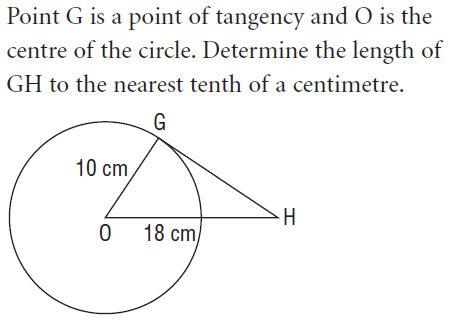
**Questions:**

1) 2)



3) 4)

5)

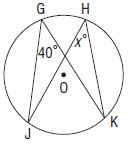
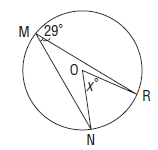
6)

7) a) Draw and label the circle to illustrate an inscribed angle and a central angle subtended by (coming from) the same arc.

What is the relationship between the angles?

b) Draw and label the circle to illustrate THREE inscribed angles subtended by (coming from) the same arc.

What is the relationship between the angles?



8)

9) Give an example of theoretical, experimental and subjective probability.

10) Does the survey question “Do you prefer to play soccer or basketball?” contain bias? If so, rewrite the question to avoid bias.