

Problem 1

Assume the following proportion is true

$$\frac{\sum}{\odot} = \frac{\otimes}{\alpha}$$

Write the 7 other proportions that can be written from this one

Problem 2

Solve the following proportion.
Show all work, steps.

$$\frac{x}{9} = \frac{15}{27}$$

Problem 3

Solve the following proportion.
Show all work, steps.

$$\frac{2x + 3}{4} = \frac{5x}{7}$$

Problem 4

Explain why the triangles are similar.
State the theorem or postulate used.
Write a similarity statement.

