<u>15x = 240</u>

x =16

Unit 7: Similarity and Transformations

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

## 7.4 Similar Triangles – Worksheet



 A person who is 1.9 m tall has a shadow that is 1.5 m long. At the same time, a flagpole has a shadow that is 8 m long. Determine the height of the flagpole to the nearest tenth of a metre. Draw a diagram.



4.





$$\frac{5x}{5} = \frac{23.75}{5}$$