MTH 4-17b   Assessment 3   **Gold** Level
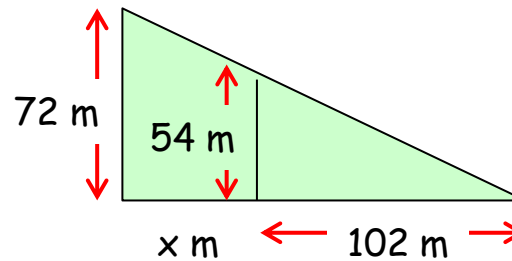
Name: _____

Class: _____

Score: ——
3

Percentage: **%**

Outcome 1 - Similar Triangles

The following shapes are mathematically similar. Calculate the length of the missing side…

72 m

54 m

x m   ← 102 m →

Outcome 2 - Similar Areas

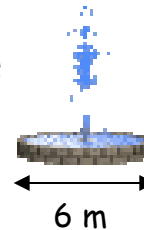The following objects are mathematically similar. Calculate the missing side…
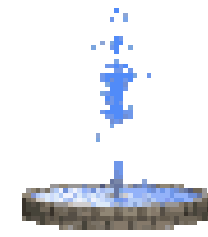
? cm

84 cm

Area = 224 cm²   Area = 8064 cm²

Outcome 3 - Similar Volumes

The following objects are mathematically similar. Calculate the missing side…

Volume
24 litres

Volume
192 litres

6 m

? m