Scale Drawings for year 9C

1) Nakarin drew a scale drawing of a campsite. He used the scale 1 inch: 3ft. If the actual width of the tent is 6 feet, how wide is the tent in the drawing?

2) Natat drew a scale drawing of a swimming pool. The scale of the drawing was 2 centimeters: 1 meter. If the pool is 26 centimeters in the drawing, how wide is the actual pool?

3) Spencer measured a house and its lot and made a scale drawing. He used the scale 3 inches: 2 feet. In the drawing, the deck is 90 inches long. What is the length of the actual deck?

4) Chavina drew a scale drawing of a house. The scale of the drawing was 1 millimeter: 2 meters. If the actual width of the garage is 8 meters, how wide is the garage in the drawing?

5) A building is 360 feet tall. On a scale drawing, 1/4 inch = 10 feet. What is the height of the building in the scale drawing?

6) What is the range of values of n when the size of the scale drawing is larger than the object?

7) What is the range of values of n when the size of the scale drawing is smaller than the object?

8) What is the value of n when the size of the scale drawing is the same as the object?

9) Similar shapes are shapes with _____ sizes but the same shape.

10) The length of a river on the map is 5 cm. If the scale of the map is 1:40000, find the actual length of the river.