

Scale Models and Maps

Answer each question and round your answer to the nearest whole number.

- 1) A particular rocket is 15 m tall. A model of it was built with a scale of 8 cm : 5 m. How tall is the model?
- 2) A model train has a scale of 5 in : 6 ft. If the model train is 25 in tall then how tall is the real train?
- 3) A model house is 12 cm wide. If it was built with a scale of 6 cm : 4 m then how wide is the real house?
- 4) A model tree has a scale of 2 in : 3 ft. If the real tree is 15 ft tall then how tall is the model tree?
- 5) A model car has a scale of 10 in : 8 ft. If the real car is 16 ft long then how long is the model car?
- 6) A model train is 8 in tall. If it was built with a scale of 4 in : 3 ft then how tall is the real train?
- 7) A model plane has a scale of 8 in : 2 ft. If the real plane is 10 ft tall then how tall is the model plane?
- 8) A model giraffe has a scale of 3 in : 6 ft. If the model giraffe is 6 in tall then how tall is the real giraffe?
- 9) A particular house is 20 m tall. A model of it was built with a scale of 7 cm : 5 m. How tall is the model?
- 10) A model statue has a scale of 2 in : 6 ft. If the model statue is 8 in tall then how tall is the real statue?