



## ENRICHMENT CARD

Read and analyze the word problem below. Write your final answer on the space provided.

1. A 6 ft tall tent standing next to a cardboard box casts a 9 ft shadow. If the cardboard box casts a shadow that is 6 ft long, then how tall is it?

Answer: The cardboard box is \_\_\_\_\_ feet tall.

2. A model house has a scale of 1 in : 2 ft. If the real house is 26 ft wide, then how wide is the model house?

Answer: The model house is \_\_\_\_\_ ft wide.



## REFERENCE CARD

### Books:

Bryant, et al. (2017) Mathematics Grade 9 Learners Material. Department of Education: Bureau of Learning Resources (DepEd-BLR), Ground Floor Bonifacio Building, DepEd Complex Meralco Avenue, Pasig City. ISBN:978-971-9601-71-5

### Online sources:

- <https://cdn.kutasoftware.com/Worksheets/PreAlg/Similar%20Figure%20Word%20Problems.pdf>
- <https://www.houstonisd.org/site/handlers/filedownload.ashx?moduleinstanceid=218740&dataid=192113&FileName=Similar%20Figures%20notes%20and%20Problems.pdf>
- [https://www.varsitytutors.com/hotmath/hotmath\\_help/topics/similar-triangles](https://www.varsitytutors.com/hotmath/hotmath_help/topics/similar-triangles)