



Calculating Distances using Word Scales

Instructions: Given the following scales, calculate the distance on the ground. 1 point each.

Hint: remember, to arrive at an answer; you are to multiply what's on the right of the equal sign, by what's on the left. Be sure to include the unit.

$$1\text{cm}=4\text{m}$$

e.g. $2\text{cm} = 8\text{m}$ ($2 \times 4 = 8$)

a. $3\text{cm} =$ _____

b. $4\text{cm} =$ _____

c. $5\text{cm} =$ _____

d. $7\text{cm} =$ _____

e. $9\text{cm} =$ _____

$$1\text{in}=8\text{ft}$$

a. $2\text{in} =$ _____

b. $3\text{in} =$ _____

c. $5\text{in} =$ _____

d. $8\text{in} =$ _____

e. $10\text{in} =$ _____