

12. Tripwire Check

Name: _____ **Class:** _____ **Date:** _____

Problem: The scale is 1 cm = 4 m. A real wall is 36 m. How long should the wall be on the drawing?

A student writes:

$$36 \times 4 = 144 \text{ cm.}$$

This reverses the direction. The question moves from real metres to drawing centimetres, so divide:

$$36 \div 4 = 9 \text{ cm.}$$

Answer: 9 cm.
