

LINEAR MAGNIFICATION



Student's Work

Calculate the linear magnification for the following drawings in the spaces provided. Answer to 1 decimal place where applicable.

- 1. length of drawing = 120 cm;
length of specimen = 6 cm**

$$= \frac{\square}{\square} = \times \square$$

- 2. length of drawing = 240 cm;
length of specimen = 12 cm**

$$= \frac{\square}{\square} = \times \square$$

- 3. length of drawing = 5 cm;
length of specimen = 25 cm**

$$= \frac{\square}{\square} = \times \square$$

- 4. length of specimen = 9 cm;
length of drawing = 81 cm**

$$= \frac{\square}{\square} = \times \square$$

- 5. length of specimen = 210 cm;
length of drawing = 30 cm**

$$= \frac{\square}{\square} = \times \square$$

- 6. length of specimen = 0.67 cm;
length of drawing = 30 cm**

$$= \frac{\square}{\square} = \times \square$$