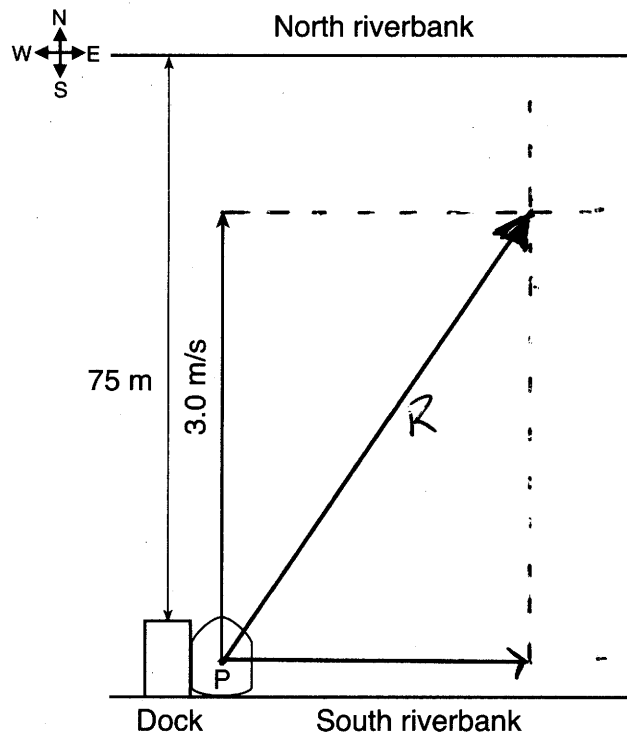


71-72

$$v = \frac{d}{t} \Rightarrow t = \frac{d}{v} = \frac{75 \text{ m}}{3 \text{ m/s}}$$

$$= 25 \text{ s}$$

73



74-75

$$R^2 = a^2 + b^2$$

$$R = \sqrt{a^2 + b^2}$$

$$R = \sqrt{(3 \text{ m/s})^2 + (2 \text{ m/s})^2}$$

$$R = \sqrt{13 \text{ m}^2/\text{s}^2} = 3.6 \text{ m/s}$$

OR

MEASURE
&
CONVERT

$$7 \text{ cm} \times \frac{0.5 \text{ m/s}}{1 \text{ cm}}$$

$$= 3.5 \text{ m/s}$$