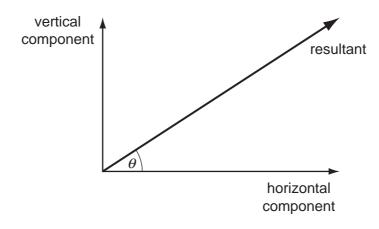
- 1 Which statement, involving multiples and sub-multiples of the base unit metre (m), is correct?
 - **A** 1 pm = 10^{-9} m
 - **B** $1 \text{ nm} = 10^{-6} \text{ m}$
 - **C** 1 mm = $10^6 \mu m$
 - **D** $1 \text{ km} = 10^6 \text{ mm}$
- 2 The diagram shows a resultant force and its horizontal and vertical components.



The horizontal component is 20.0 N and θ = 30°. What is the vertical component?

- **A** 8.7 N
- **B** 10.0 N
- **C** 11.5 N
- **D** 17.3 N

Space for working