

Name: _____

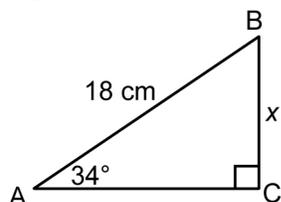
Date: _____

Chapter 7 Practice Test

- $\sin 35^\circ$, to four decimal places, is
 A 0.8192
 B 0.7002
 C 0.5736
 D -0.4282

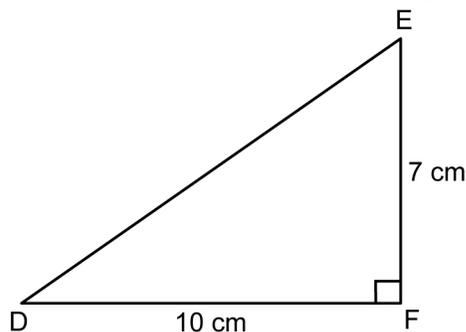
- If $\tan \theta = 0.5512$, then θ , to the nearest degree, is
 A 33°
 B 57°
 C 55°
 D 29°

- In $\triangle ABC$, x , to the nearest tenth of a metre, equals



- 10.1 cm
- 14.9 cm
- 12.1 cm
- 10.6 cm

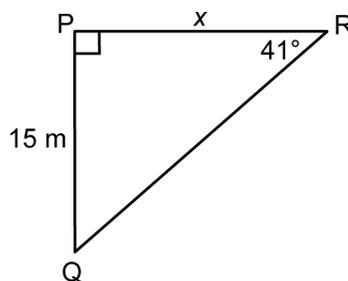
- In $\triangle DEF$, $\angle D$, to the nearest degree, is



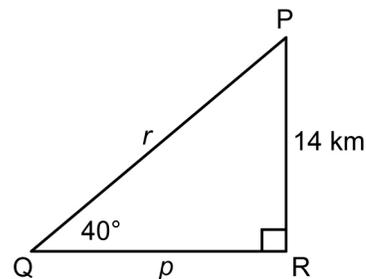
- 44°
- 46°
- 35°
- 55°

- Sketch a pair of similar figures for each.
 - triangle
 - kite
- Sketch a pair of congruent figures for each.
 - rectangle
 - parallelogram

- In $\triangle PQR$, find x , to the nearest tenth of a metre.



- Solve $\triangle PQR$. Round side lengths to the nearest tenth of a kilometre.



- From a point 10 m from the base of a building, the angle of elevation of the top of the building is 54° . Find the height of the building, to the nearest metre.