

Name: _____

Date: _____

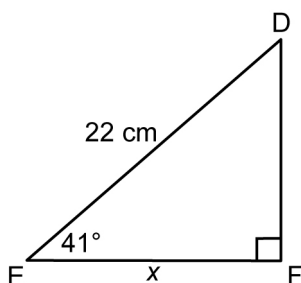
BLM 7-18

Chapter 7 Test

- The value of $\cos 35^\circ$, to four decimal places, is
 A 0.8192
 B 0.5736
 C 1.4281
 D 0.2212

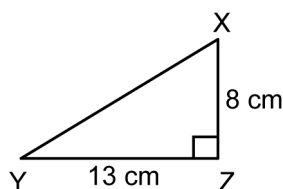
- If $\tan \theta = 0.6385$, then θ , to the nearest degree, is
 A 33°
 B 40°
 C 50°
 D 64°

- In $\triangle DEF$, x , to the nearest tenth of a metre, is



- 14.4 cm
- 19.1 cm
- 17.3 cm
- 16.6 cm

- In $\triangle XYZ$, $\angle X$, to the nearest degree, is



- 58°
- 32°
- 38°
- 52°

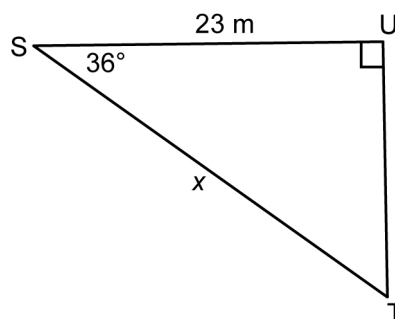
- Sketch a pair of similar figures for each.

- parallelogram
- square

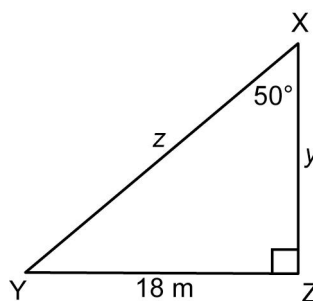
- Sketch a pair of congruent figures for each.

- triangle
- pentagon

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



- Solve $\triangle XYZ$. Round side lengths to the nearest tenth of a metre.



- From a point 25 m from the bottom of a maple tree, the angle of elevation to the top of the maple tree is 21° . Find the height of the maple tree, to the nearest metre.