

Triangles

PA Anchors: B2, C1

Special Right Triangles

Score _____ / 40

Isosceles Right Triangle

$x = 4$
 $y = 4\sqrt{2}$

30-60-90 Triangle

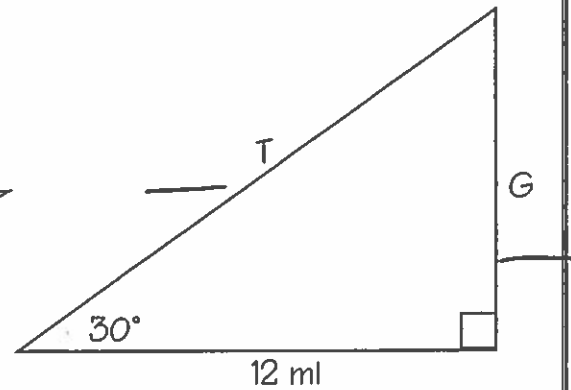
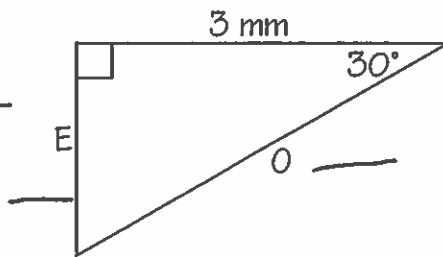
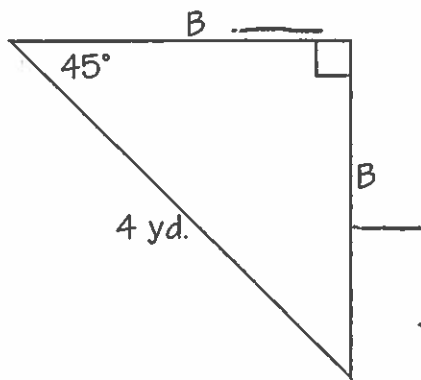
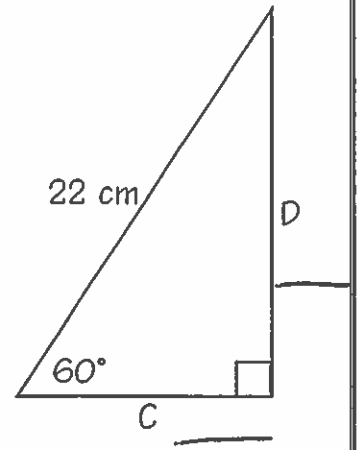
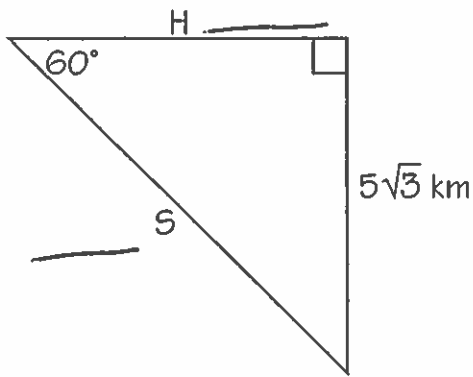
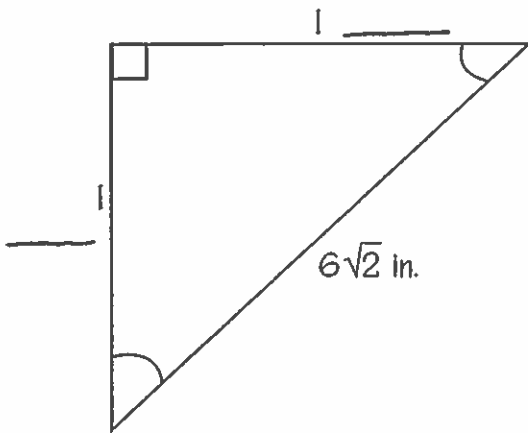
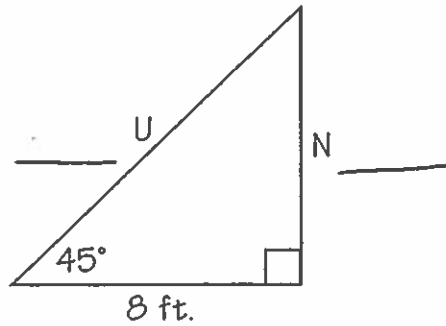
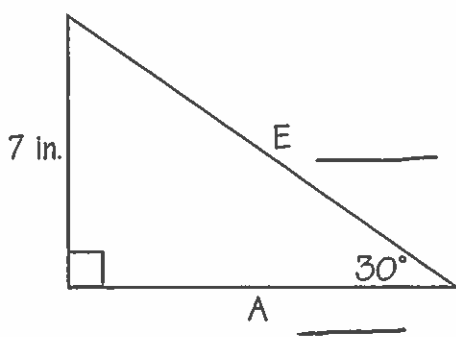
$x = 3\sqrt{3}$
 $y = 2 \cdot 3 = 6$

Find the missing sides.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.

Why didn't the skeleton cross the road?

Find the missing lengths. To figure out the joke, place the letter of each problem above the answer on the line(s) below.



_____ $2\sqrt{2}$ $\sqrt{3}$ 11 _____ $7\sqrt{3}$ $8\sqrt{2}$ 10 _____ 14 _____ 9 _____ 6 _____ $8\sqrt{3}$

_____ 5 _____ $7\sqrt{3}$ _____ $11\sqrt{3}$ _____ 4 _____ 8 _____ $2\sqrt{3}$ _____ 12 _____ $4\sqrt{3}$ _____ $8\sqrt{2}$ _____ $8\sqrt{3}$ _____ 10