Special Right Triangles

Isosceles Right Triangle

30-60-90 Triangle

Find the missing sides.

1. \(45^\circ\)

2. \(60^\circ\)

3. \(45^\circ\)

4. \(30^\circ\)

5. \(5\sqrt{2}\)

6. \(45^\circ\)

7. \(30^\circ\)

8. \(45^\circ\)

9. \(60^\circ\)

10. \(45^\circ\)

11. \(45^\circ\)

12. \(60^\circ\)

Geometry IF8763
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.

1. \(7 \text{ in.}\) E \(\overrightarrow{A}\) 30°
2. \(8 \text{ ft.}\) \(\overrightarrow{U}\) N
3. \(6\sqrt{2} \text{ in.}\) \(\overrightarrow{I}\)
4. \(5\sqrt{3} \text{ km}\) \(\overrightarrow{S}\)
5. \(22 \text{ cm}\) \(\overrightarrow{D}\) 60°
6. \(12 \text{ ml}\) \(\overrightarrow{T}\) 30°
7. \(3 \text{ mm}\) \(\overrightarrow{E}\) 30°

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\(2\sqrt{2}\) \(\sqrt{3}\) 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

Triangles — Special Right Triangles

Joke #18