

Special Right Triangles – Answers

1. $x = 9\sqrt{3}$ yds, $y = 18$ yds

2. $x = 4$ cm, $y = 4$ cm

3. $x = 11\sqrt{3}$ km, $y = 11$ km

4. $x = 20\sqrt{2}$ in, $y = 20$ in

5. $x = 2$, $y = 4$

6. $x = \frac{9}{2}$ m, $y = \frac{9\sqrt{3}}{2}$ m

7. $15\sqrt{2}$ ft

8. $22 + 4\sqrt{3}$ m

9. $x = 6\sqrt{2}$ in

10. $18 + 6\sqrt{3}$ mi