Trigonometry – Missing Angles

Calculate the size of the angle $θ$ in each triangle.

1.



2.

3.



5cm

4.

5.

6.



7.

8.



9.

10.

Trigonometry – Missing Angles ANSWERS

Calculate the size of the angle $θ$ in each triangle.

1.

$$θ=30°$$



2.

$$θ=30°$$

3.

$$θ=60°$$



5cm

4.

$$θ=30°$$

5.

$$θ=60°$$

6.

$$θ=63.4°$$



$$θ=45°$$

7.

8.

$$θ=78.7°$$



$$θ=11.3°$$

9.

$θ=0°$- this triangle is impossible! Why?

10.