

Triangle circles — The circle through the corners

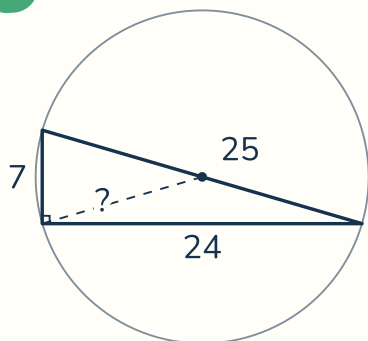


Name: _____

Date: _____

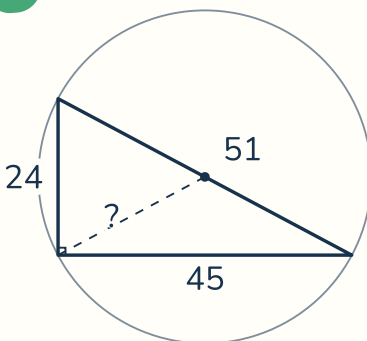
Each circle passes through all three corners. Find its radius.

1



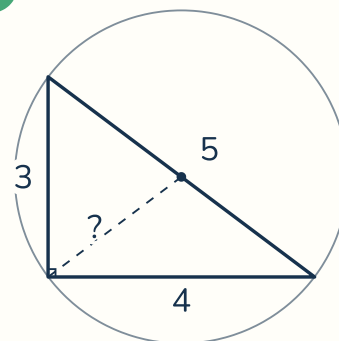
_____ cm

2



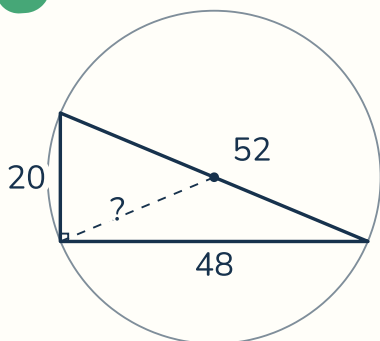
_____ cm

3



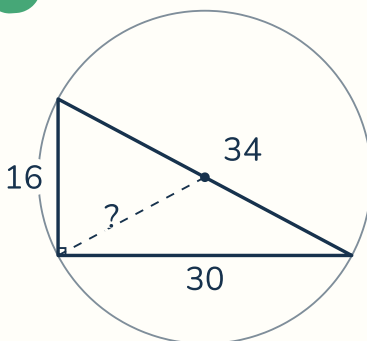
_____ cm

4



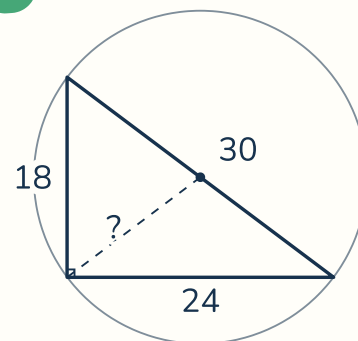
_____ cm

5



_____ cm

6



_____ cm



Triangle circles · The circle through the corners — Answer key



1. 7, 24, 25 — through the corners: 12.5 cm

2. 24, 45, 51 — through the corners: 25.5 cm

3. 3, 4, 5 — through the corners: 2.5 cm

4. 20, 48, 52 — through the corners: 26 cm

5. 16, 30, 34 — through the corners: 17 cm

6. 18, 24, 30 — through the corners: 15 cm