

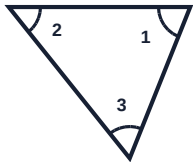
Math Sheet

Name _____ Score _____ / 8 Teacher _____ Date _____

Triangle angle sum

Use the numbered angle values to solve for x. Diagrams are not to scale.

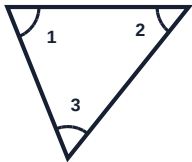
1.



Angle 1: x°
Angle 2: 7°
Angle 3: 7°

x = _____

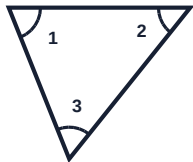
2.



Angle 1: 7°
Angle 2: x°
Angle 3: 53°

x = _____

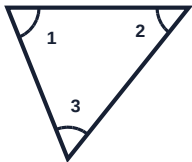
3.



Angle 1: 12°
Angle 2: 41°
Angle 3: x°

x = _____

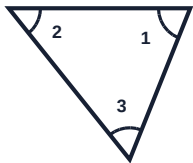
4.



Angle 1: 28°
Angle 2: 19°
Angle 3: x°

x = _____

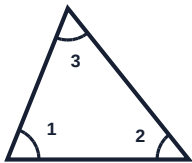
5.



Angle 1: 91°
Angle 2: 59°
Angle 3: x°

x = _____

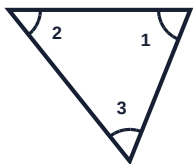
6.



Angle 1: 7°
Angle 2: x°
Angle 3: 22°

x = _____

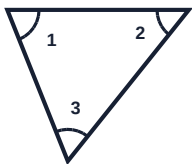
7.



Angle 1: 2°
Angle 2: x°
Angle 3: 16°

x = _____

8.



Angle 1: 37°
Angle 2: x°
Angle 3: 98°

x = _____

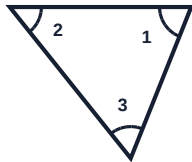
Math Sheet

Name _____ Score _____ / 8 Teacher _____ Date _____

Triangle angle sum - Answer key

Use the numbered angle values to solve for x. Diagrams are not to scale.

1.



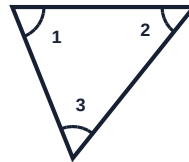
Angle 1: x°

Angle 2: 7°

Angle 3: 7°

x = 166

2.



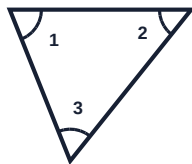
Angle 1: 7°

Angle 2: x°

Angle 3: 53°

x = 120

3.



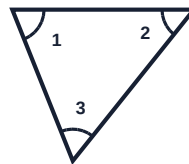
Angle 1: 12°

Angle 2: 41°

Angle 3: x°

x = 127

4.



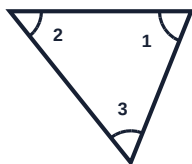
Angle 1: 28°

Angle 2: 19°

Angle 3: x°

x = 133

5.



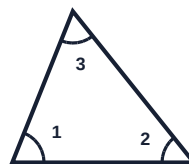
Angle 1: 91°

Angle 2: 59°

Angle 3: x°

x = 30

6.



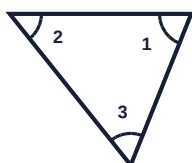
Angle 1: 7°

Angle 2: x°

Angle 3: 22°

x = 151

7.



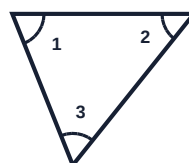
Angle 1: 2°

Angle 2: x°

Angle 3: 16°

x = 162

8.



Angle 1: 37°

Angle 2: x°

Angle 3: 98°

x = 45