



Grade Seven

Angles Forming Triangles

State whether each set of angles forms a triangle

$86^\circ, 53^\circ, 41^\circ$

This set forms a triangle.

This set doesn't form a triangle.

$47^\circ, 84^\circ, 56^\circ$

This set forms a triangle.

This set doesn't form a triangle.

$70^\circ, 22^\circ, 68^\circ$

This set forms a triangle.

This set doesn't form a triangle.

$54^\circ, 97^\circ, 29^\circ$

This set forms a triangle.

This set doesn't form a triangle.

$33^\circ, 90^\circ, 57^\circ$

This set forms a triangle.

This set doesn't form a triangle.

$28^\circ, 64^\circ, 100^\circ$

This set forms a triangle.

This set doesn't form a triangle.

$11^\circ, 101^\circ, 60^\circ$

This set forms a triangle.

This set doesn't form a triangle.

$94^\circ, 35^\circ, 51^\circ$

This set forms a triangle.

This set doesn't form a triangle.