

Assignment

Date _____ Period _____

Find each measurement indicated. Round your answers to the nearest tenth.

1) $m\angle C = 101^\circ$, $m\angle A = 16^\circ$, $b = 29$ m

Find a

9 m

2) $m\angle A = 54^\circ$, $m\angle C = 43^\circ$, $c = 11$ cm

Find a

13 cm

3) $m\angle C = 119^\circ$, $m\angle B = 11^\circ$, $a = 28$ cm

Find c

32 cm

4) $m\angle C = 152^\circ$, $b = 32$ cm, $c = 32$ cm

Find $m\angle A$

Not a triangle

5) $m\angle B = 94^\circ$, $a = 26$ m, $b = 32$ m

Find $m\angle A$

54.1°

6) $m\angle B = 66^\circ$, $a = 35$ m, $b = 33$ m

Find $m\angle A$

75.7° or 104.3°