

Triangle Practice

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

1) $c = 26$ cm, $m\angle A = 134^\circ$, $b = 24$ cm

Find a

46 cm

2) $m\angle A = 17^\circ$, $m\angle B = 26^\circ$, $c = 28$ cm

Find b

18 cm

3) $c = 13$ mi, $b = 7$ mi, $a = 9$ mi

Find $m\angle C$

108°

4) $a = 14$ ft, $b = 8$ ft, $m\angle C = 52^\circ$

Find $m\angle A$

93°

5) $m\angle A = 104^\circ$, $a = 8$ cm, $c = 4$ cm

Find $m\angle C$

29°

6) Find $m\angle B$ if $a = 5$, $b = 13$ $m\angle C = 90^\circ$

69°

7) Find $m\angle A$ if $a = 15$, $b = 14.1$, and $m\angle C = 90^\circ$.

$m\angle A = 46.8^\circ$