

SM2 11.5 answers

1.

$$m\angle A = \underline{\quad 52^\circ \quad} \quad a = \underline{\quad 10.2 \quad}$$

$$m\angle B = \underline{\quad 38^\circ \quad} \quad b = \underline{\quad 8 \quad}$$

$$m\angle C = \underline{\quad 90^\circ \quad} \quad c = \underline{\quad 13 \quad}$$

2.

$$m\angle A = \underline{\quad 27^\circ \quad} \quad a = \underline{\quad 2 \quad}$$

$$m\angle B = \underline{\quad 63^\circ \quad} \quad b = \underline{\quad 3.9 \quad}$$

$$m\angle C = \underline{\quad 90^\circ \quad} \quad c = \underline{\quad 4.4 \quad}$$

3.

$$m\angle A = \underline{\quad 23^\circ \quad} \quad a = \underline{\quad 4.7 \quad}$$

$$m\angle B = \underline{\quad 67^\circ \quad} \quad b = \underline{\quad 11.0 \quad}$$

$$m\angle C = \underline{\quad 90^\circ \quad} \quad c = \underline{\quad 12 \quad}$$

4.

$$m\angle A = \underline{\quad 16.7^\circ \quad} \quad a = \underline{\quad 3 \quad}$$

$$m\angle B = \underline{\quad 73.3^\circ \quad} \quad b = \underline{\quad 10 \quad}$$

$$m\angle C = \underline{\quad 90^\circ \quad} \quad c = \underline{\quad 10.4 \quad}$$

5.

$$m\angle A = \underline{\quad 44^\circ \quad} \quad a = \underline{\quad 9.7 \quad}$$

$$m\angle B = \underline{\quad 46^\circ \quad} \quad b = \underline{\quad 10 \quad}$$

$$m\angle C = \underline{\quad 90^\circ \quad} \quad c = \underline{\quad 13.9 \quad}$$

6.

$$m\angle A = \underline{\quad 53.2^\circ \quad} \quad a = \underline{\quad 14.7 \quad}$$

$$m\angle B = \underline{\quad 36.8^\circ \quad} \quad b = \underline{\quad 11 \quad}$$

$$m\angle C = \underline{\quad 90^\circ \quad} \quad c = \underline{\quad 18.4 \quad}$$

7.

$$m\angle A = \underline{\quad 18.4^\circ \quad} \quad a = \underline{\quad 3 \quad}$$

$$m\angle B = \underline{\quad 71.6^\circ \quad} \quad b = \underline{\quad 9.0 \quad}$$

$$m\angle C = \underline{\quad 90^\circ \quad} \quad c = \underline{\quad 9.5 \quad}$$

8.

$$m\angle A = \underline{\quad 55^\circ \quad} \quad a = \underline{\quad 4.9 \quad}$$

$$m\angle B = \underline{\quad 35^\circ \quad} \quad b = \underline{\quad 3.5 \text{ or } 3.4 \quad}$$

$$m\angle C = \underline{\quad 90^\circ \quad} \quad c = \underline{\quad 6 \quad}$$