

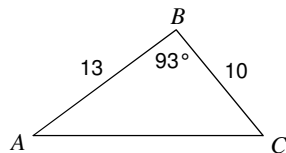
Law of Cosines

Date _____ Period _____

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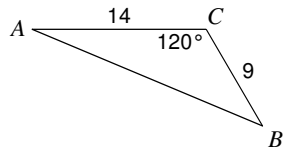
Find each measurement indicated. Round your answers to the nearest tenth.

1) Find AC



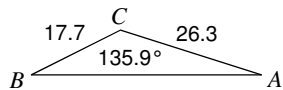
- A) 16.8 B) 18.3
C) 15.3 D) 19.9

2) Find AB



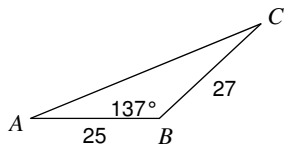
- A) 20.1 B) 24.1
C) 18.3 D) 21.3

3) Find AB



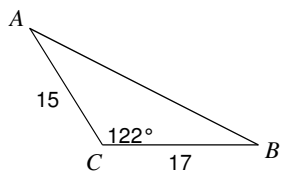
- A) 42.5 B) 46.3
C) 40.9 D) 37.3

4) Find AC



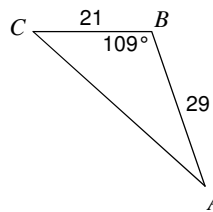
- A) 46.9 B) 40.5
C) 55.8 D) 48.4

5) Find AB



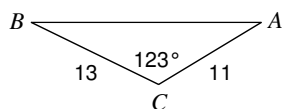
- A) 32 B) 29
C) 28 D) 22

6) Find AC



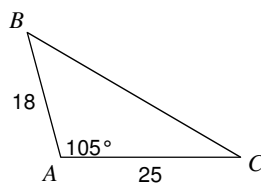
- A) 41 B) 33
C) 39 D) 38

7) Find AB



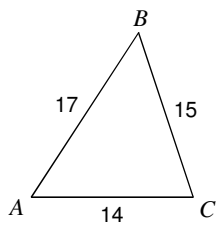
- A) 18.1 B) 19.7
C) 21.1 D) 24.8

8) Find BC



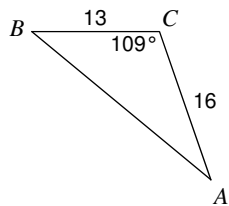
- A) 40.4 B) 34.4
C) 36.3 D) 37.8

9) Find $m\angle B$



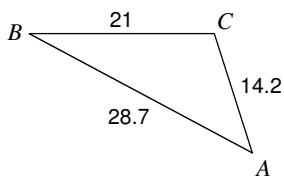
- A) 51.4° B) 55.1°
C) 41.8° D) 49.4°

10) Find $m\angle A$



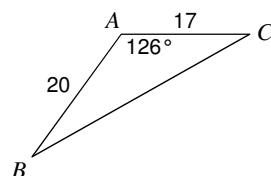
- A) 33.1° B) 27.5°
C) 31.3° D) 37°

11) Find $m\angle A$



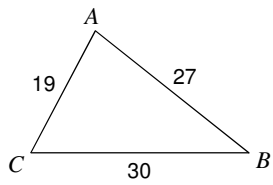
- A) 36.5° B) 44.2°
C) 39.2° D) 51.6°

12) Find $m\angle B$



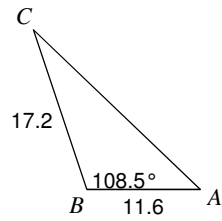
- A) 24.6° B) 26.3°
C) 28.5° D) 23.1°

13) Find $m\angle A$



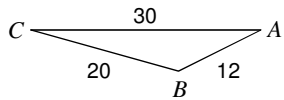
- A) 71.6° B) 77.5°
C) 79.3° D) 80.3°

14) Find $m\angle C$



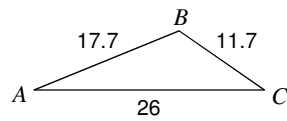
- A) 26.6° B) 28.9°
C) 27.8° D) 24.2°

15) Find $m\angle C$



- A) 15.6° B) 11.7°
C) 14.5° D) 19.5°

16) Find $m\angle B$



- A) 111.2° B) 123°
C) 105.8° D) 146.1°