

Week 6 Practice - Ref. Ch. 8-5

Date _____ Period _____

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Find each trig. ratio. Don't forget ASTC. Round your answers to the nearest ten-thousandth.

1) $\tan -200^\circ$

2) $\sin 290^\circ$

3) $\sin 40^\circ$

4) $\cos -145^\circ$

5) $\cos -252^\circ$

6) $\sin 100^\circ$

7) $\tan -247^\circ$

8) $\sin 215^\circ$

9) $\cos -315^\circ$

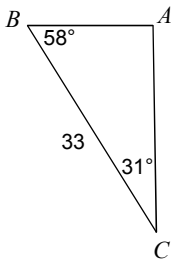
10) $\tan -86^\circ$

11) $\cos -91^\circ$

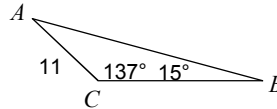
12) $\tan -20^\circ$

Find each measurement indicated. Sides- nearest tenth, angles-nearest deg. AAS or ASA Triangles.

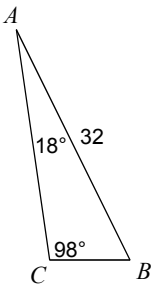
13) Find AB



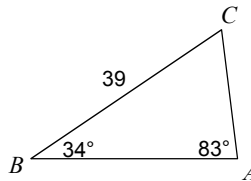
14) Find AB



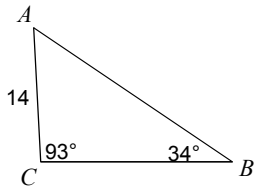
15) Find BC



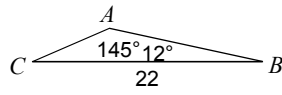
16) Find AC



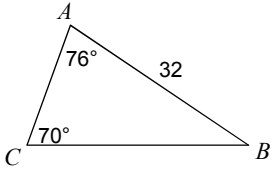
17) Find AB



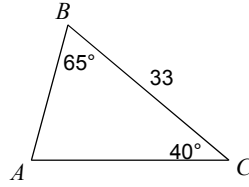
18) Find AC



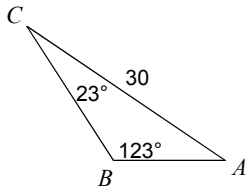
19) Find BC



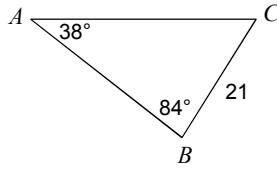
20) Find AB



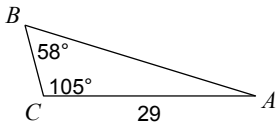
21) Find AB



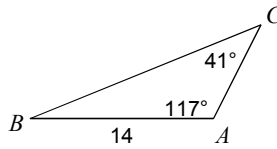
22) Find AC



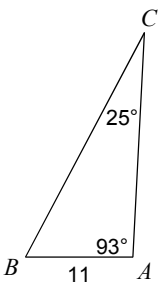
23) Find AB



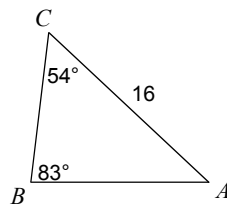
24) Find BC



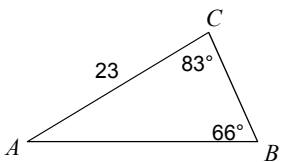
25) Find BC



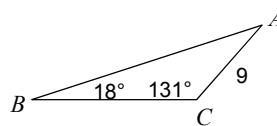
26) Find AB



27) Find AB

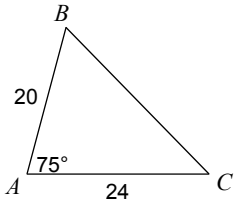


28) Find AB

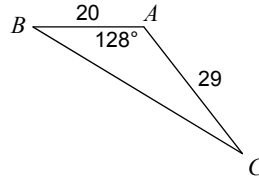


Find each measurement indicated. Sides- nearest tenth, angles-nearest deg. SAS Triangles.

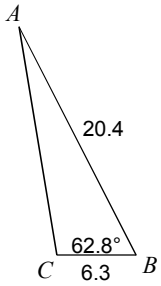
29) Find BC



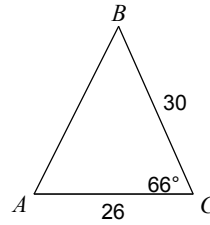
30) Find BC



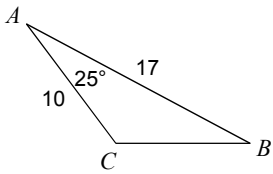
31) Find AC



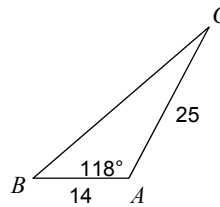
32) Find AB



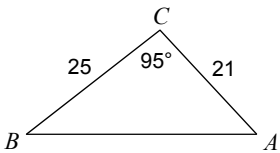
33) Find BC



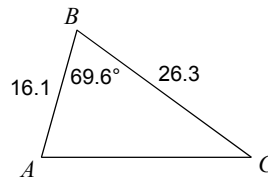
34) Find BC



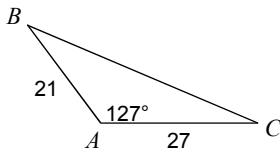
35) Find $m\angle A$



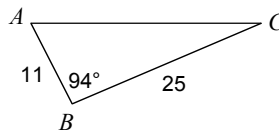
36) Find $m\angle C$



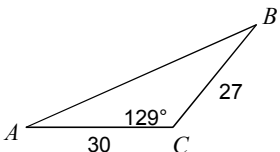
37) Find $m\angle B$



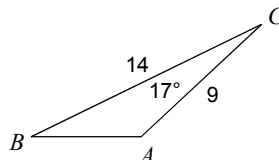
38) Find $m\angle C$



39) Find $m\angle A$

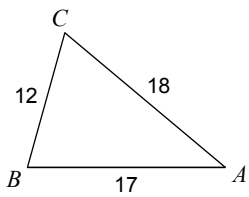


40) Find $m\angle A$

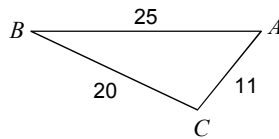


Find each measurement indicated. Sides- nearest tenth, angles-nearest deg. SSS Triangles.

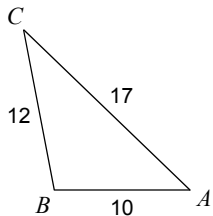
41) Find $m\angle A$



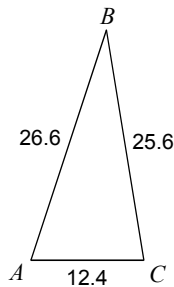
42) Find $m\angle A$



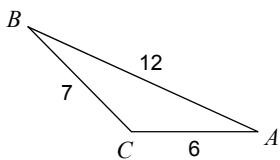
43) Find $m\angle A$



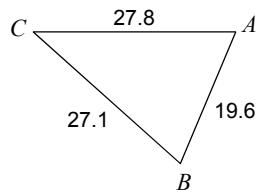
44) Find $m\angle C$



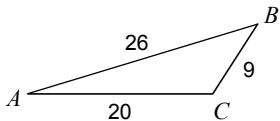
45) Find $m\angle C$



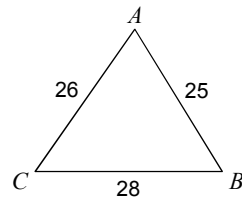
46) Find $m\angle A$



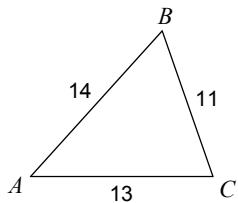
47) Find $m\angle C$



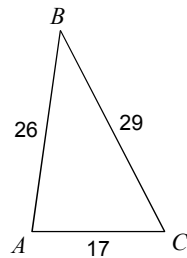
48) Find $m\angle B$



49) Find $m\angle B$



50) Find $m\angle B$



Answers to Week 6 Practice - Ref. Ch. 8-5 (ID: 1)

- | | | | |
|-------------------|------------------|-------------------|------------------|
| 1) -0.3640 | 2) -0.9397 | 3) 0.6428 | 4) -0.8192 |
| 5) -0.3090 | 6) 0.9848 | 7) -2.3559 | 8) -0.5736 |
| 9) 0.7071 | 10) -14.3007 | 11) -0.0175 | 12) -0.3640 |
| 13) 17 | 14) 29 | 15) 10 | 16) 22 |
| 17) 25 | 18) 8 | 19) 33 | 20) 22 |
| 21) 14 | 22) 33.9 | 23) 33 | 24) 19 |
| 25) 26 | 26) 13 | 27) 25 | 28) 22 |
| 29) 27 | 30) 44.2 | 31) 18.4 | 32) 30.7 |
| 33) 9 | 34) 33.9 | 35) 47° | 36) 36.1° |
| 37) 30° | 38) 23° | 39) 24.1° | 40) 137° |
| 41) 40° | 42) 51° | 43) 43.9° | 44) 80.8° |
| 45) 134.6° | 46) 67.2° | 47) 122.8° | 48) 58.4° |
| 49) 61.3° | 50) 35.5° | | |