

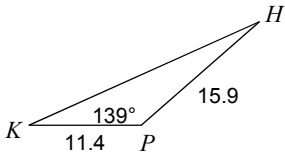
Q3Week1 Practice - Ref. Ch. 10-6

Date _____ Period _____

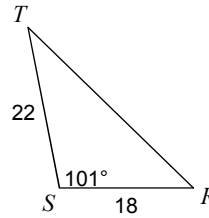
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Find the missing side. Round your answers to the nearest tenth.

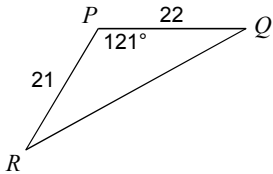
1) Find HK



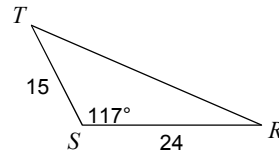
2) Find RT



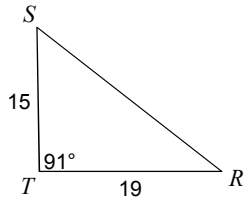
3) Find QR



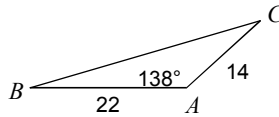
4) Find RT



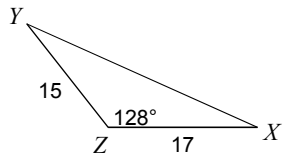
5) Find RS



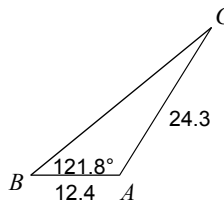
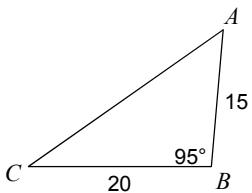
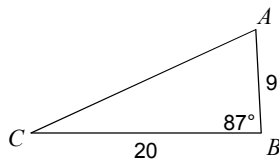
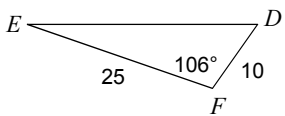
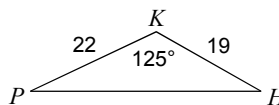
6) Find BC



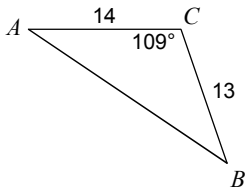
7) Find XY



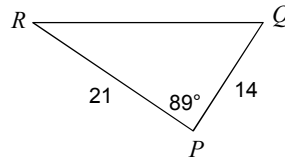
8) Find BC

**Find the missing angle. Round your answers to the nearest tenth.**9) Find $m\angle C$ 10) Find $m\angle C$ 11) Find $m\angle D$ 12) Find $m\angle H$ 

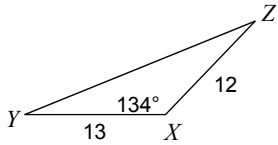
13) Find $m\angle A$



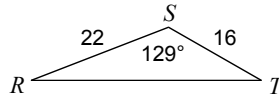
14) Find $m\angle Q$



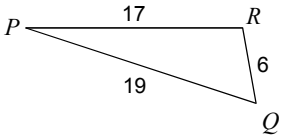
15) Find $m\angle Y$



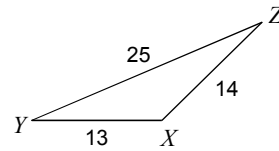
16) Find $m\angle T$



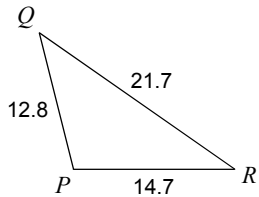
17) Find $m\angle R$



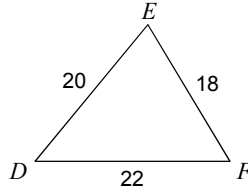
18) Find $m\angle Y$



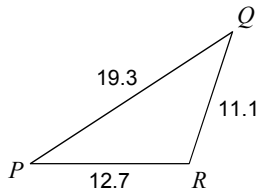
19) Find $m\angle P$



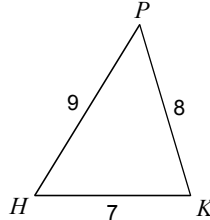
20) Find $m\angle E$



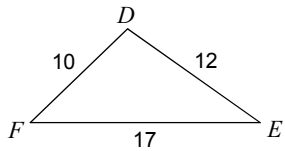
21) Find $m\angle R$



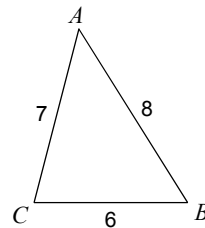
22) Find $m\angle K$



23) Find $m\angle D$



24) Find $m\angle B$



Find the area of each triangle to the nearest tenth.

25) In $\triangle TRS$, $s = 16$, $t = 9$, $r = 16$

26) In $\triangle PQR$, $p = 5.5$, $q = 7$, $r = 4$

27) In $\triangle ZXY$, $x = 10$, $z = 6$, $y = 9$

28) In $\triangle KHP$, $p = 11$, $k = 6$, $h = 6$

29) In $\triangle CAB$, $c = 12.6$, $a = 8$, $b = 14$

30) In $\triangle PKH$, $p = 12$, $k = 11.2$, $h = 9$

31) In $\triangle STR$, $s = 13$, $r = 6$, $t = 8.5$

32) In $\triangle KHP$, $p = 12.1$, $k = 14$, $h = 14$

33) In $\triangle DEF$, $d = 13.4$, $f = 6$, $e = 15$

34) In $\triangle TRS$, $r = 9$, $s = 4.7$, $t = 9.9$

35) In $\triangle PQR$, $p = 7$, $q = 4.9$, $r = 7$

36) In $\triangle BCA$, $c = 7$, $a = 9$, $b = 8$

Answers to Q3Week1 Practice - Ref. Ch. 10-6 (ID: 1)

- | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 1) 25.6 | 2) 31 | 3) 37.4 | 4) 33.6 |
| 5) 24.4 | 6) 33.7 | 7) 28.8 | 8) 32.6 |
| 9) 35° | 10) 24.7° | 11) 54.9° | 12) 29.7° |
| 13) 34° | 14) 57° | 15) 22° | 16) 29.8° |
| 17) 100.2° | 18) 23.1° | 19) 104° | 20) 70.5° |
| 21) 108.2° | 22) 73.4° | 23) 100.8° | 24) 57.9° |
| 25) 69.1 units ² | 26) 11 units ² | 27) 26.7 units ² | 28) 13.2 units ² |
| 29) 50 units ² | 30) 47.9 units ² | 31) 20.5 units ² | 32) 76.4 units ² |
| 33) 40.1 units ² | 34) 21.1 units ² | 35) 16.1 units ² | 36) 26.8 units ² |