

# Answers for Geometry Review Unit 1

Review p90 #1-21, 23, 24, 26-30, 38, 43-44

1. true

2. false, should be  $\vec{QP}$

3. true

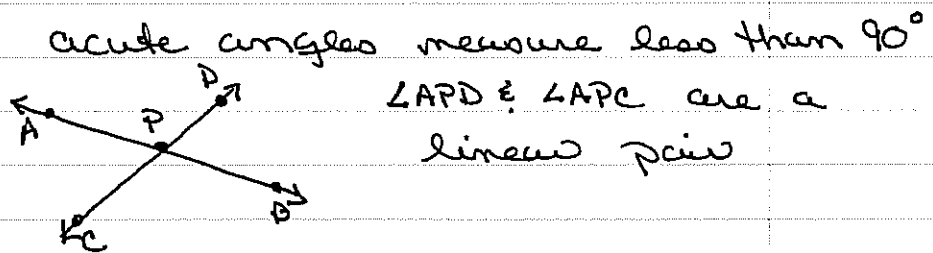
4. false vertex is middle point D

5. true

6. true

7. false

8. false



9. true

10. true

11. false supplementary angles sum to  $180^\circ$

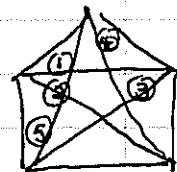
12. true

13. true

14. true

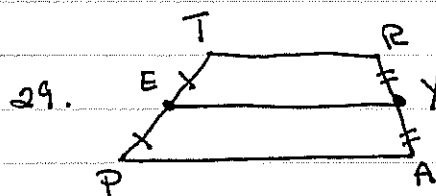
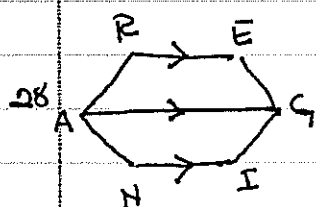
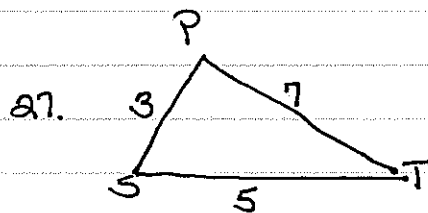
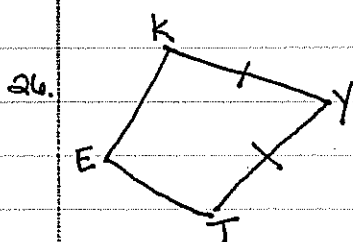
15. false there are 5 diagonals

16. true

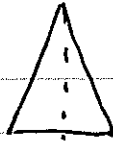


17. F 18. G 19. L 20. J 21. C 22. ~~22~~

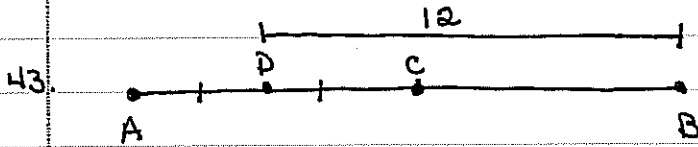
23. NO MATCH



30. OMIT - 50 CM  $\frac{11}{7}$



38.  $\approx 114^\circ$



$\overline{AP} \cong \overline{CB}$  so that means  $DC = \frac{1}{2} CB$   
or  $CB = 2DC$

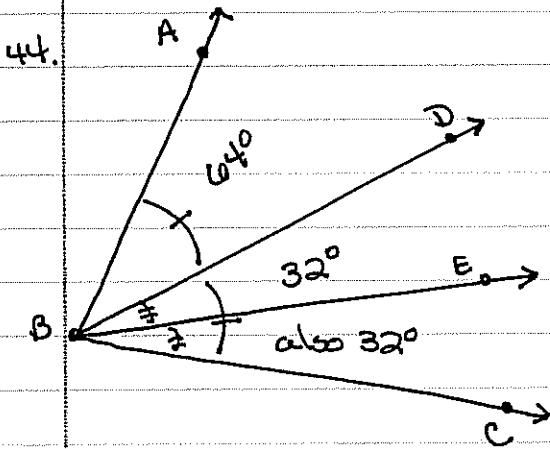
~~DB~~  $DC + CB = 12$

$DC + 2(DC) = 12$

$3 DC = 12$

$DC = 4 \text{ cm}$  so  $AD = 4 \text{ cm}$

AND  $AB = 4 + 12 = 16 \text{ cm}$



$m\angle ABE = 64 + 32 = 96^\circ$