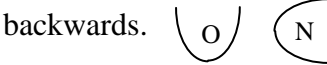


Chapter 1 Review

Homework Answers

p. 64, #1-23, 26-31

p. 49, #1-6, 9, 10

1. \div ea preceding term by -2 ; next: $\frac{1}{2}$, $-\frac{1}{4}$	26. perpendicular bisector
2. Add 2 to the preceding term; next: 10, 12	27. VW
3. Rotate the U clockwise $\frac{1}{4}$ turn and alphabet backwards. 	28. 7
4. Examples: 1, 2, 4, 8, 16, 32 ... (double each term; $2^{(n-1)}$) Or 1, 2, 4, 7, 11, 16 ... (add consecutive counting #s)	29. AY
5. A, B, C	30. E ; \overline{AY}
6. A, B, C, D or A, B, C, E	31. $33\frac{1}{3} \text{ yd}^2$ or 300 ft^2
7. A, B, D, E or C, B, D, E	<u>Pg 49</u>
8. B	1. 17
9. a) 1 b) Infinitely many c) 1 d) 1	2. 110
10. $29,054.0 \text{ ft}^2$	3. 140
11. Never	4. a) 90 b) 60
12. Sometimes	5. $\angle APT \cong \angle RPT$ or $\angle APT$ and $\angle RPT$
13. Never	6. 45
14. Always	9. 12.2 units
15. Never	10. (1, 1.5)
16. 10	
17. a) (11, 19) b) $MC = MD = \sqrt{136}$ or 11.66	
18. 19.1 units	
19. 800 cm^2 or 0.08 m^2	
20. 12.25 in^2	
21. 63.62 cm^2	
22. 7	
23. 9	