

## Sample Test # 1 (Answers)

1. A      Part B
2. B      11. Slope
3. A      RS =  $\frac{1}{2}$
4. C      ST = -1
5. D      OT =  $\frac{1}{2}$
6. A      RO = undef.
7. A
8. C      Because we
9. D      RT || OT, its
10. C      a trapezoid.
12.  $y = \frac{5}{2}x - 11$
13.  $x - 3y + 17 = 0$
14.  $y + 4 = -2(x - 10)$

## Sample Test #2

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|-------|-------|
| 1. A  | 11. B |
| 2. C  | 12. D |
| 3. B  | 13. C |
| 4. D  | 14. A |
| 5. C  | 15. B |
| 6. C  | 16. B |
| 7. C  | 17. C |
| 8. C  | 18. A |
| 9. C  | 19. B |
| 10. A | 20. D |

Section 2

1a)  $(-8, 0)$  &  $(0, -5)$

Slope =  $-\frac{5}{8}$

2.  $GB = -\frac{1}{3}$

$BW = -2$

$GW = \frac{1}{2}$

$GW \perp BW$

3 a)

$y = \frac{4}{5}x - \frac{3}{5}$

B)

$3x - 4y - 44 = 0$

C)

$2x + 5y - 15 = 0$