

6.5 Parallelogram Classification

Answers

1.
 - a) $RG = 13$
 - b) $AE = 26$
 - c) $AC = 24$
 - d) $EC = 10$
 - e) 90°

2.
 - a) $MA = 12$
 - b) $MI = 21.4$
 - c) $DA = 11$
 - d) 54°
 - e) 90°

3.
 - a) 90°
 - b) 90°
 - c) 45°
 - d) 45°

4. Rhombus
5. Parallelogram
6. Rectangle
7. Rectangle
8. Rhombus
9. None

10. Parallelogram
11. Square
12. Rectangle
13. None
14. Square
15. Parallelogram
16. Sometimes, a rectangle is a rhombus when it is a square.
17. Always; a square is a more specific type of parallelogram.
18. Sometimes, a parallelogram is regular (sides and angles equal) when it is a square.
19. Always; a square is a more specific type of rectangle.