

Quadrilateral 5 Worksheet Key

	4 Sides	Opp. Sides	Opp. Sides \cong	All Sides \cong	Opp. Angles \cong	All Angles \cong
1. Parallelogram	√	√	√		√	
2. Rectangle	√	√	√		√	√
3. Rhombus	√	√	√	√	√	
4. Square	√	√	√	√	√	√

The diagonals ...	bisect each other	are congruent	bisect opposite angles	are perpendicular
5. Parallelogram	√			
6. Rectangle	√	√		
7. Rhombus	√		√	√
8. Square	√	√	√	√

9. F 10. T 11. T 12. F

13. T 14. F 15. T 16. 17

18. $m\angle 1 = 24^\circ$, $m\angle 2 = 48^\circ$, $m\angle 3 = 66^\circ$, $m\angle 4 = 66^\circ$, $m\angle 5 = 24^\circ$,
 $m\angle 6 = 66^\circ$, $m\angle 7 = 132^\circ$

19. $m\angle 8 = 54^\circ$, $m\angle 9 = 36^\circ$, $m\angle 10 = 90$, $m\angle 11 = 54^\circ$

20. $m\angle 12 = 45^\circ$, $m\angle 13 = 90^\circ$, $m\angle 14 = 45^\circ$

21. $m\angle 1 = 32^\circ$, $m\angle 2 = 64^\circ$, $m\angle 3 = 58^\circ$, $m\angle 4 = 58^\circ$, $m\angle 5 = 32^\circ$,
 $m\angle 6 = 58^\circ$, $m\angle 7 = 32^\circ$

22. rhombus, $x = y = 15$, $z = 17$

23. rectangle, $x = y = 12.5$, $z = 25$

24. C 25. 180 in