

Distance Formula - Quadrilaterals

Name	
Score	

DF:26

1)	Choose that the points $P(-2, 2)$, $Q(0, 4)$, $R(-4, 4)$ and $S(-6, 2)$ are the vertices of					
	0	Parallelogram	0	Square	0	Rhombus
2)	Cho	oose that the points E(–	10, –	3), F(-8, -3), G(-8, -5) a	nd H	(−10, −5) are the vertices
	0	Rectangle	0	Parallelogram	0	Square
3)	Choose that the points $T(0, -2)$, $U(4, -8)$, $V(8, -2)$ and $W(4, 4)$ are the vertices of					
	0	Square	0	Rhombus	0	Parallelogram
4)) Choose that the points K(7, 3), L(9, 3), M(7, 7) and N(9, 7) are the vertices of					
	0	Rhombus	0	Parallelogram	0	Rectangle
5)	Pro	ve that the points A(1, -	-4), B	s(–6, –4), C(–6, –8) and [O(1, –	8) form a rectangle.



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Answer key

DF:26

1)	Choose that the points P(–2, 2), Q(0, 4), R(–4, 4) and S	(-6, 2) are the vertices of
	Parallelogram	○ Square	Rhombus
2)	Choose that the points E(-of	–10, –3), F(–8, –3), G(–8, –5)	and H(–10, –5) are the vertices
	Rectangle	Parallelogram	Square
3)	Choose that the points T(0	0, −2), U(4, −8), V(8, −2) and \	W(4, 4) are the vertices of
	Square	Rhombus	 Parallelogram
4)	Choose that the points K(7, 3), L(9, 3), M(7, 7) and N(9	, 7) are the vertices of
	C Rhombus	 Parallelogram 	Rectangle
5)	Prove that the points A(1,	−4), B(−6, −4), C(−6, −8) and	D(1, -8) form a rectangle.

The points A(1, -4), B(-6, -4), C(-6, -8) and D(1, -8) forms a rectangle.