

***DEFG* is a parallelogram.**

Prove that *DEFG* is a rectangle.

What are the coordinates of the vertices of *DEFG*?

1. *D* _____

2. *E* _____

3. *F* _____

4. *G* _____

Using the distance formula, calculate the lengths of the diagonals of *DEFG*.

5. *DF* = _____

6. *EG* = _____

7. Is *DEFG* a rectangle? Why or why not?

