Name that quadrilateral

1. Get a card with four coordinates from your teacher.
2. Plot and label the coordinates on a large graph grid.
3. Determine the type of quadrilateral you have. Use any formula that is appropriate and show all work (as neatly as possible).
4. Present your work to the class.

Name That Quadrilateral Scoring Rubric

1. Quadrilateral correctly drawn and labeled   _____/10
2. Slopes found and correct   _____/10
3. Distances found and correct   _____/10
4. Quadrilateral is classified correctly   _____/10
5. Presentation is neat and eye catching   _____/10

Total   _____/50

1. My name is _____

2. My group members were _____ and
   _____.

3. The four letters representing our Quadrilateral were
   _____.

4. The most precise name for our quadrilateral is
   _____.

5. The evidence for my answer to number 4 is:

6. While doing this activity I was responsible for:

7. My group members did the following:

B (-2, 8)
O (4, 6)
A (2, -4)
T (-4, 2)

B (-4, 2)
L (2, 4)
U (4, -2)
E (-2, -4)

E (2, 12)
A (6, 2)
S (2, -6)
T (-2, 2)

W (-6, -2)
E (2, 4)
S (12, 4)
T (4, -2)

F (-8, 4)
I (12, 8)
N (14, -2)
D (-6, -6)

C (-2, 8)
H (10, 4)
A (8, -4)
T (-10, 2)

D (-6, 4)
O (6, 8)
G (14, 4)
S (-10, -4)

D (-4, -2)
O (-2, 6)
W (6, 10)
N (4, 2)

K (-6, -2)
I (2, 0)
T (4, -6)
E (-4, -8)

Key

Kite	**square**	**parallelogram**
E (2, 12)	B (-4, 2)	B (-2, 8)
A (6, 2)	L (2, 4)	O (4, 6)
S (2, -6)	U (4, -2)	A (2, -4)
T (-2, 2)	E (-2, -4)	T (-4, 2)

trapezoid	**rectangle**	**rhombus**
C (-2, 8)	F (-8, 4)	W (-6, -2)
H (10, 4)	I (12, 8)	E (2, 4)
A (8, -4)	N (14, -2)	S (12, 4)
T (-10, 2)	D (-6, -6)	T (4, -2)

parallelogram	**parallelogram**	**isosceles trapezoid**
K (-6, -2)	D (-4, -2)	D (-6, 4)
I (2, 0)	O (-2, 6)	O (6, 8)
T (4, -6)	W (6, 10)	G (14, 4)
E (-4, -8)	N (4, 2)	S (-10, -4)