	1/
Name	Key
	. 0

D-4-		
Date		

Pd_

CYU 1.3 Midpoint & Distance Formulas

☑ Use when you get it right all by yourself

S Use when you did it all by yourself, but made a silly mistake

H Use when you could do it alone with a little help from teacher or peer

G Use when you completed the problem in a group

X Use when a question was attempted but wrong (get help)

NUse when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Midpoint Formula		5, 6, 7, 8	9
Distance Formula	1-4,	10	
Bisect, midpoint, congruent, coordinate plane, perimeter	1 – 7, 10	8, 9	

- 1. Plot the points in a coordinate plane. Then determine whether \overline{AB} and \overline{CD} are congruent. A(-4, 5), B (-4, 8), C(2, -3), D(2, 0)
- 2. Plot the points in a coordinate plane. Then determine whether \overline{AB} and \overline{CD} are congruent. A(6, -8), B(6, 1), C(7, -2), D(-2, -2)
- 3. Plot the points in a coordinate plane. Then determine whether \overline{AB} and \overline{CD} are congruent. A(- 5, 6), B(- 5, 1), $\overline{C(7, 3)}$, D(3, 3)
- 4. Plot the points in a coordinate plane. Then determine whether \$\overline{AB}\$ and \$\overline{CD}\$ are congruent.
 A(10, -4), B(3, -4), C(-1, 2), D(-1, 5)
 7u
 3u
- 5. PS = 3x + 2, SQ = 4x 5, PQ = 39u. Is S the midpoint of \overline{PQ} ? Justify your answer. PS + SQ = PQ PS = 3(6) + Z = 20 3x + 2 + 4x - 5 3x



