Student Handout • Math Milestones™ Task 6:12 This task is not designed for numerical scoring. Math Milestones<sup>\*\*</sup>

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## Coordinate Triangle

(1) What is the area of the triangle in the coordinate plane with vertices (1, 2), (-5, 2), and (-8, 9)?

(2) How does the area change if we change the third vertex to (-3, 9)?