

Name/ID#: \_\_\_\_\_

Date: \_\_\_\_\_ Period: \_\_\_\_\_

### Area of Trapezoids

Find the area of the following trapezoids. Use the formula

$$\text{Area}_{\text{Trapezoid}} = \frac{1}{2}(b_1 + b_2)h$$

(1)  $b_1 = 3, b_2 = 7, h = 6$

(2)  $b_1 = 4, b_2 = 8, h = 5$

(3)  $b_1 = 11, b_2 = 17, h = 9$

(4)  $b_1 = 12, b_2 = 16, h = 15$

(5)  $b_1 = 22, b_2 = 20, h = 16$

(6)  $b_1 = 14, b_2 = 7, h = 8$

(7)  $b_1 = 13, b_2 = 18, h = 8$

(8)  $b_1 = 15, b_2 = 17, h = 8$

(9)  $b_1 = 15, b_2 = 16, h = 8$

(10)  $b_1 = 30, b_2 = 50, h = 20$