ANSWER PRESENTATION TOOL

1. $A = bh$

$= 25(20)$

$= 500$

The area of the parallelogram is 500 square yards.

2. $A = bh$

$= 11(22)$

$= 242$

The area of the parallelogram is 242 square millimeters.

3. $A = \frac{1}{2}bh$

$= \frac{1}{2}(10)(16)$

$= 80$

The area of the triangle is 80 square kilometers.

4. $A = \frac{1}{2}bh$

$= \frac{1}{2}(25)(14)$

$= 175$

The area of the triangle is 175 square centimeters.

5. $A = \frac{1}{2}h(b_1 + b_2)$

$= \frac{1}{2}(10)(6 + 15)$

$= \frac{1}{2}(10)(21)$

$= 105$

The area of the trapezoid is 105 square meters.

6. $A = \frac{1}{2}h(b_1 + b_2)$

$= \frac{1}{2}(3)\left(1\frac{1}{2} + 2\frac{1}{2}\right)$

$= \frac{1}{2}(3)(4)$

$= 6$

The area of the trapezoid is 6 square inches.

7. $A = \frac{1}{2}h(b_1 + b_2)$

$= \frac{1}{2}(7)(6 + 8)$

$= \frac{1}{2}(7)(14)$

$= 49$

The area of the trapezoid is 49 square miles.

8. Area of Rectangle

$A = \ell w$

$= 6(8)$

$= 48$

Area of Triangle

$A = \frac{1}{2}bh$

$= \frac{1}{2}8(7)$

$= 28$

The area of the figure is $48 + 28 = 76$ square feet.

9. Area of Rectangle

$$A = \ell w$$
$$= 12(8)$$
$$= 96$$

Area of Trapezoid

$$A = \frac{1}{2}h(b_1 + b_2)$$
$$= \frac{1}{2}(4)(4 + 8)$$
$$= \frac{1}{2}(4)(12)$$
$$= 24$$

The area of the figure is
$96 + 24 = 120$ square centimeters.

10. Area of Rectangle

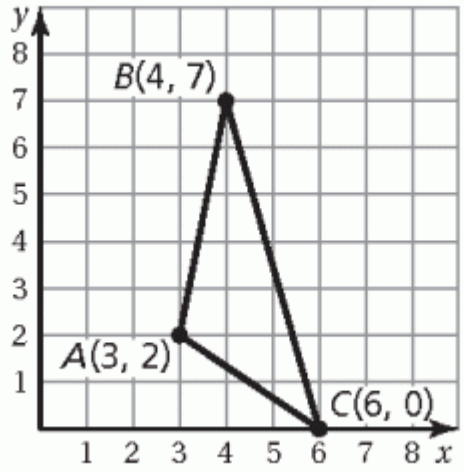
$$A = \ell w$$
$$= 5(10)$$
$$= 50$$

Area of Trapezoid

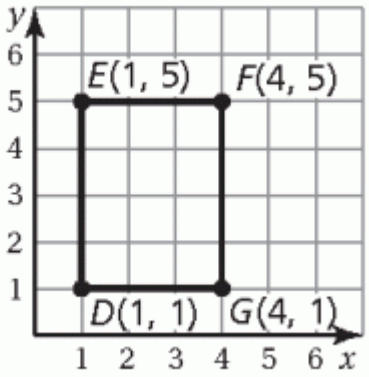
$$A = \frac{1}{2}h(b_1 + b_2)$$
$$= \frac{1}{2}(5)(6 + 10)$$
$$= \frac{1}{2}(5)(16)$$
$$= 40$$

The area of the figure is $50 + 40 = 90$ square inches.

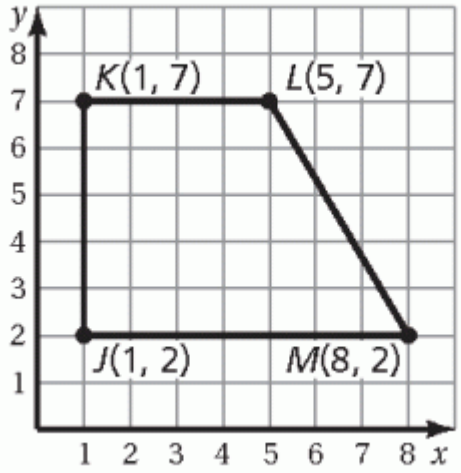
11.



12.



13.



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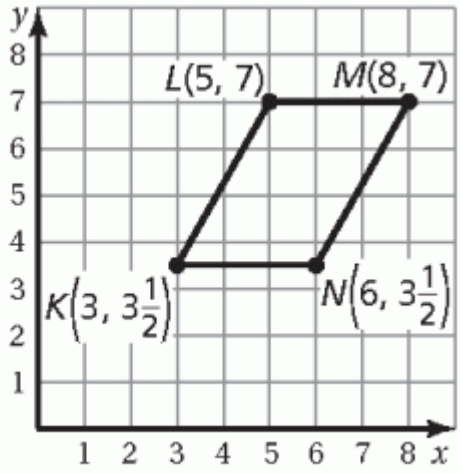

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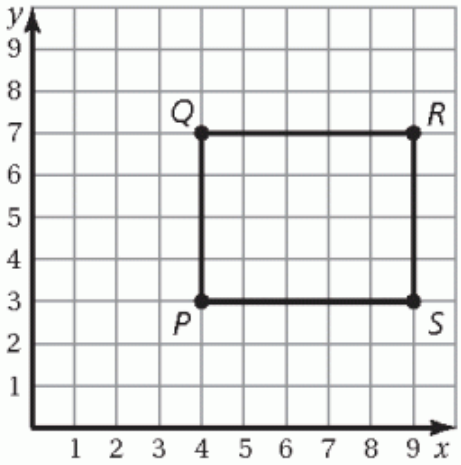
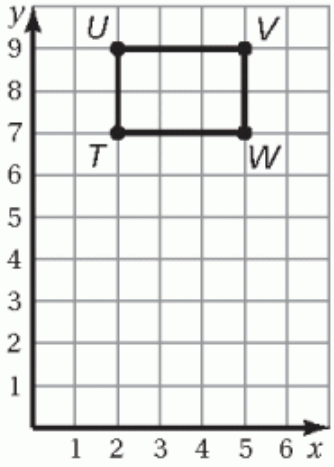


length $= 9 - 4 = 5$

width $= 7 - 3 = 4$

The perimeter of the rectangle is $2(5) + 2(4) = 18$ units.

The area of the rectangle is $5(4) = 20$ square units.

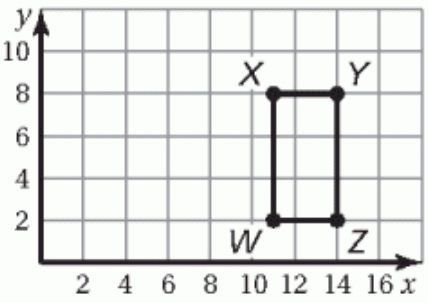
16. 

length $= 5 - 2 = 3$

width $= 9 - 7 = 2$

The perimeter of the rectangle is $2(3) + 2(2) = 10$ units.

The area of the rectangle is $3(2) = 6$ square units.

17. 

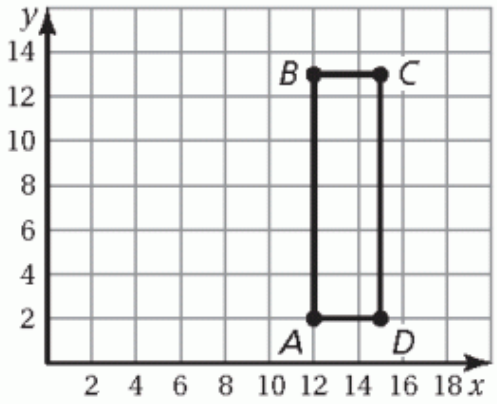
length $= 14 - 11 = 3$

width $= 8 - 2 = 6$

The perimeter of the rectangle is $2(3) + 2(6) = 18$ units.

The area of the rectangle is $3(6) = 18$ square units.

18.



length $= 15 - 12 = 3$

width $= 13 - 2 = 11$

The perimeter of the rectangle is
$2(3) + 2(11) = 28$ units.

The area of the rectangle is $3(11) = 33$ square units.