Name_____ Class_____ Date_____

Practice 10-1

Areas of Parallelograms and Triangles

Find the area of each triangle, given the base *b* and the height *h*.

1. $b = 4$, $h = 4$

2. $b = 8$, $h = 2$

3. $b = 20$, $h = 6$

4. $b = 40$, $h = 12$

5. $b = 3.1$, $h = 1.7$

6. $b = 4.8$, $h = 0.8$

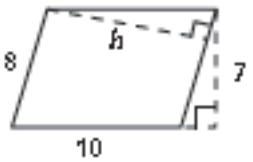
7. $b = 3\frac{1}{2}$

8. $b = 8$, $h = 2\frac{1}{4}$

9. $b = 100$, $h = 30$

Find the value of *h* in each parallelogram.

10.



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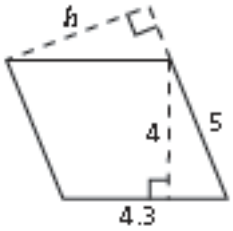


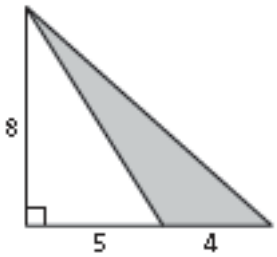
12.

13. What is the area of ▱*ABCD* with vertices *A*(-4, -6), *B*(6, -6), *C*(-1, 5), and *D*(9, 5)?

14. What is the area of △*DEF* with vertices *D*(-1, -5), *E*(4, -5), and *F*(4, 7)?

Find the area of the shaded region.

15.



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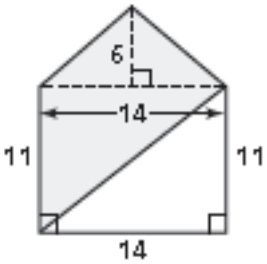

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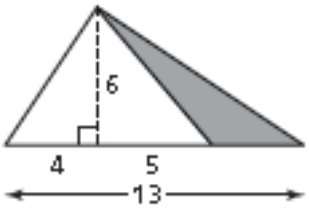
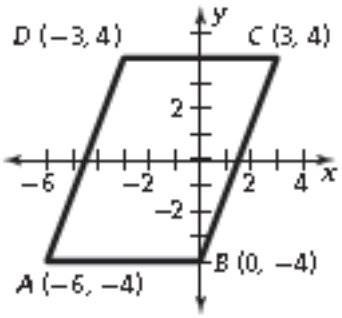


Find the area of each parallelogram.

18.



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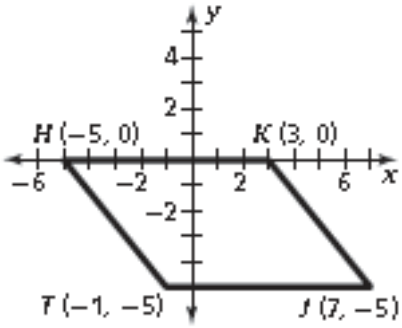

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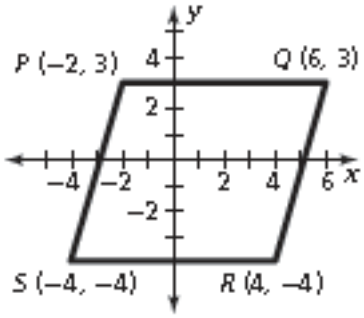

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