Name _____ Class _____ Date _____

Practice 7-1 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. $b = 4.8, h = 0.8$

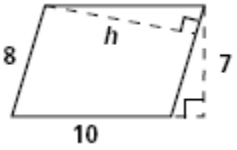
7. $b = 3\frac{1}{4}, h = \frac{1}{2}$

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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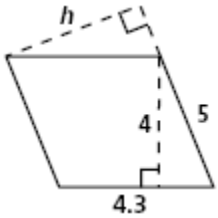

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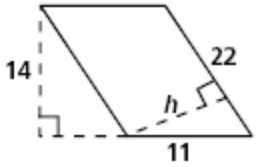
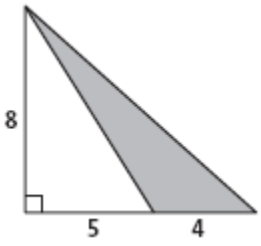


13. What is the area of $\square ABCD$ with vertices $A(-4, -6)$, $B(6, -6)$, $C(-1, 5)$, and $D(9, 5)$?

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

Find the area of the shaded region.

15.



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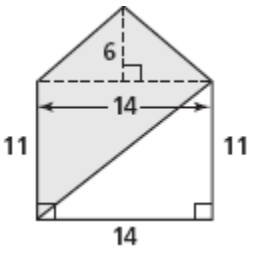

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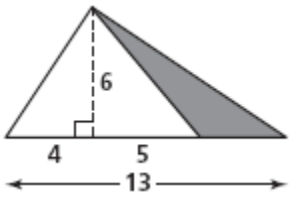
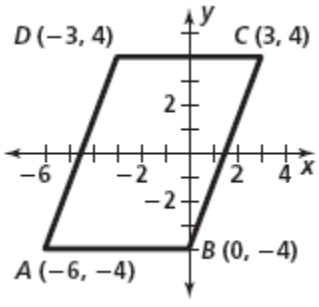
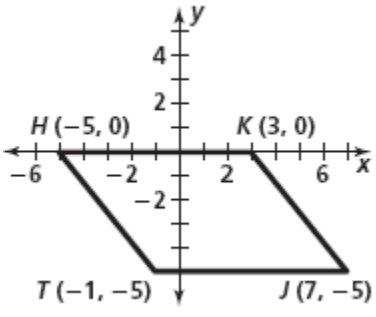


Find the area of each parallelogram.

18.



19.



20.