

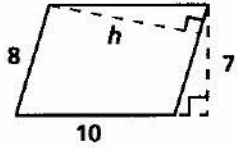
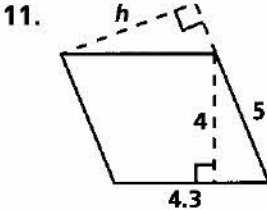
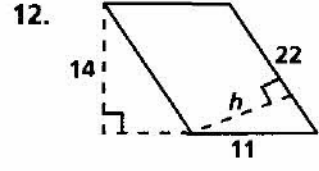
Practice 7-1

Areas of Parallelograms and Triangles

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

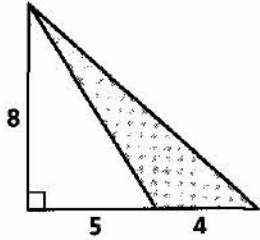
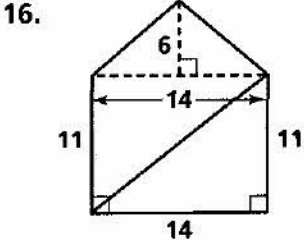
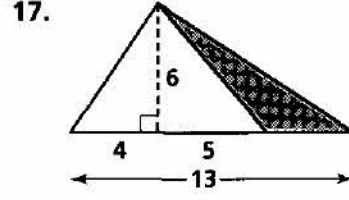
- | | | |
|--|------------------------------|-----------------------|
| 1. $b = 4, h = 4$ | 2. $b = 8, h = 2$ | 3. $b = 20, h = 6$ |
| 4. $b = 40, h = 12$ | 5. $b = 3.1, h = 1.7$ | 6. $b = 4.8, h = 0.8$ |
| 7. $b = 3\frac{1}{4}, h = \frac{1}{2}$ | 8. $b = 8, h = 2\frac{1}{4}$ | 9. $b = 100, h = 30$ |

Find the value of h in each parallelogram.

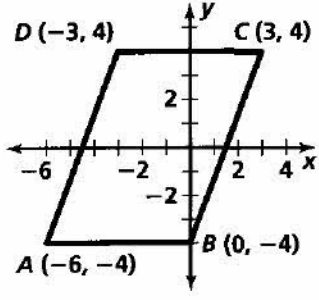
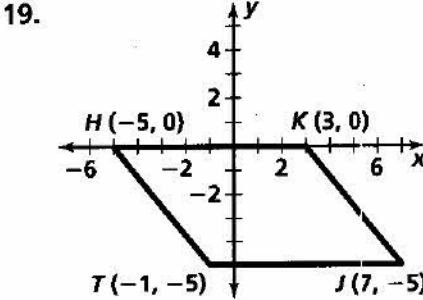
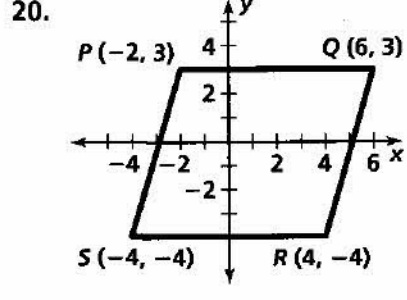
10. 
11. 
12. 

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. 
16. 
17. 

Find the area of each parallelogram.

18. 
19. 
20. 

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