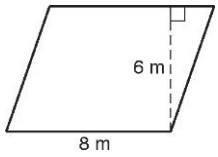
Name: key

10.1 Day 1 Homework

1. Find the area of a triangle with h = 4 and b = 5.

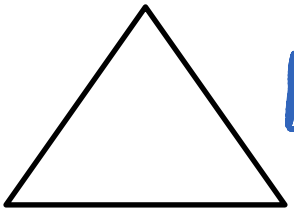
A = 10

2. Find the area of a parallelogram.



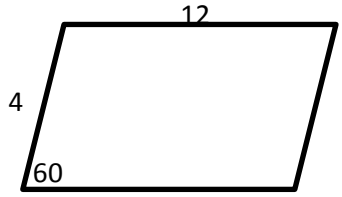
A = 48

3. Find the area of an equilateral triangle with a perimeter of 12.



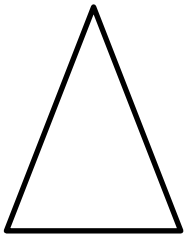
A = 4√3

4. Find the area of the parallelogram.



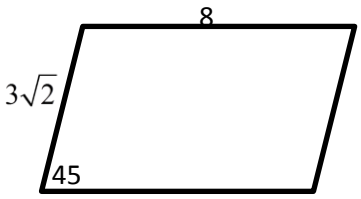
A = 24√3

5. Find the area of an isosceles triangle with sides 10, 10, and 12.



A = 48

6. Find the area of the parallelogram.



A = 24

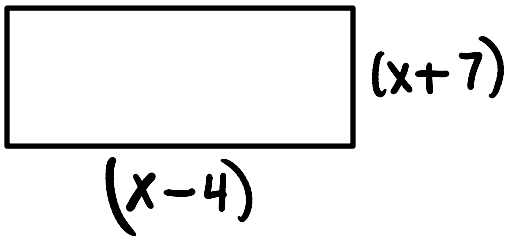
7. Find the base of a rectangle in which A = 200 cm and h = 4.

50 = b

8. Find the height of a triangle in which the base = 6 and the A = 90 ft².

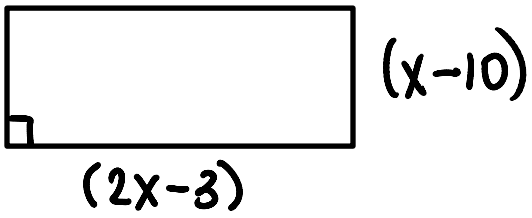
30 = h

9. Find the perimeter of the rectangle.



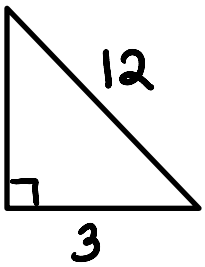
$4x+6$

10. Find the area of the rectangle.



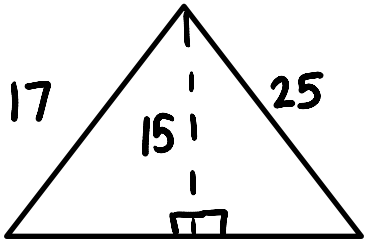
$2x^2-23x+30$

11. Find the area of the triangle.



$A=\frac{9\sqrt{15}}{2}$

12. Find the area of the triangle.



$A=210$

13. Find the area of an equilateral triangle in terms of x.

$x^2\sqrt{3}$

14. Find the area of a 30, 60, 90 degree triangle in terms of x.

$\frac{x^2\sqrt{3}}{2}$

15. Fill in the table.

Base (b)	Height (h)	Area A	Perimeter P
17	8	136	50
14	11	154	50