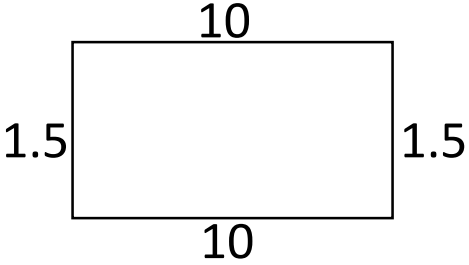
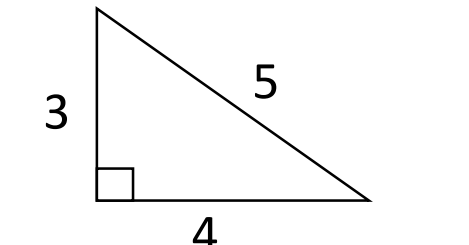
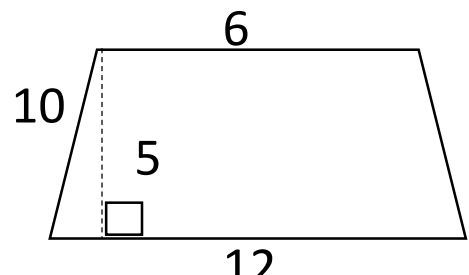
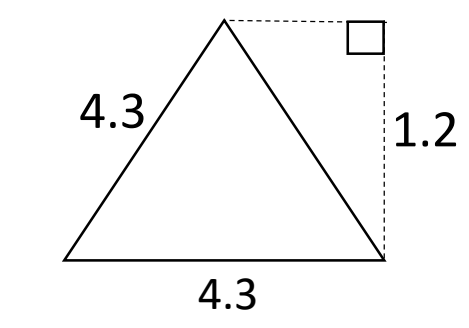
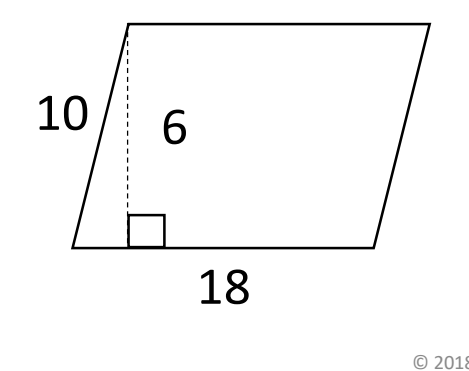


Find the Pattern! Areas of 2D Shapes

Problem Number	Problems #1-5 Find the area.	Show your work here	Answer
1			
2			
3			
4			
5			


Find the Pattern!

Areas of 2D Shapes

Problem Number	Problem Hint: Draw pictures for #6-10	Show your work here	Answer
6	What is the area of a trapezoid with bases 14 inches and 6 inches and a height of 5 inches?		
7	What is the length of a rectangle whose area is 72 sq. cm and width is 8 cm?		
8	Find the area of a rectangle whose length is 5.3 m and width is 2.4 m.		
9	Find the base of a parallelogram with a height of 3.2 ft and an area of 22.4 square feet.		
10	What is the area of a trapezoid with bases 10 inches and 2 inches and a height of 3 inches?		

Find the Pattern!

Areas of 2D Shapes

Problem Number	Problem Hint: Draw pictures for #11-13, 15	Show your work here	Answer
11	A square has a side length of 6 km. What is the area?		
12	Find the area of a triangle with a side length of 7 yd, a base of 8 yd, and a height of 5.75 yd.		
13	A parallelogram has a side length of 10 m, a height of 8 m, and an area of 150 sq. m. What is the base length?		
14	Find the area of the square.  24		
15	Find the <u>perimeter</u> of a square with an area of 100 square inches. (Hint: First find the side length.)		

Find the Pattern...Areas of Squares, Rectangles, Parallelograms, Triangles, and Trapezoids

Shade the box with the correct answer.

Note: The boxes will be shaded in a random order. The final result will be a specific pattern.

1.5	23	20	7	4.5	10.8
6	96	50	30	36	60
12	12.72	25.8	45	20	576
33	1.272	18	54	2.58	5.76
6.36	150	9.8	9	34	15
71.68	18.75	40	4.5	108	48