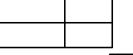
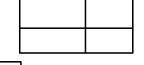
**1.** Remove parenthesis and simplify:

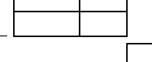




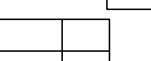
$$(y-3)\cdot (y+2) =$$
\_\_\_\_\_



$$(y + 3) \cdot (y - 2) =$$
\_\_\_\_\_

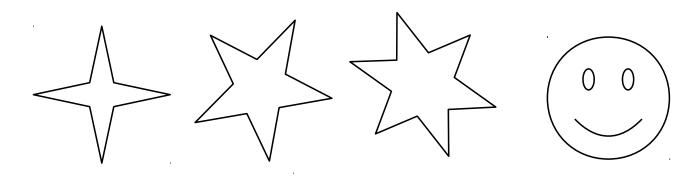


$$(y-3) \cdot (y-2) =$$
\_\_\_\_\_



$$(2y + 3) \cdot (3y - 1) =$$
\_\_\_\_\_

**2.** Find lines of symmetry in the 2D shapes below:



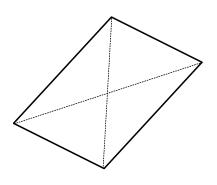
**3.** Solve equations in your notebooks:

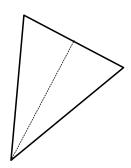
a) 
$$|2x + 3| = 1$$

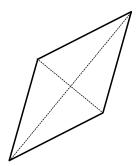
b) 
$$\frac{1}{1-\frac{5}{x}} = 2$$

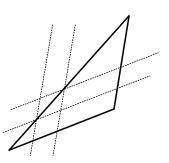
b) 
$$x = 10$$

**4.** Color or shade congruent triangles same way:









**5.** Use a compass to find points  $C_1$  and  $C_2$  located 5 cm from point A and 6 cm from point B.

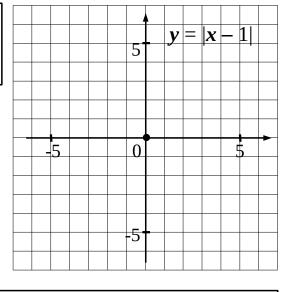
 $\overset{ullet}{A}$ 

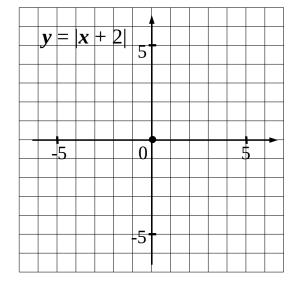
Can you find any other point that fits both conditions?

B

**6.** Use table to help to plot graphs for y = |x + 2| and y = |x - 1|. Construct continuous lines for each graph. Find and plot *symmetry lines* for these graphs.

X	-7	<b>-</b> 5	-3	-1	0	1	3	5	7	9
у										





x	-7	-5	-3	-1	0	1	3	5	7	9
у										