

**4A** Time: 4 minutes

Some students are in a line. Abby is in the center of the line. Sara is 3 places in front of her, Eli is 4 places behind Sara, and Kayla is 2 places in front of Eli. Kayla is the third person in line. How many students are in the line?

4B Time: 4 minutes

Given the data: 3, 6, 6, 8, 10, 12.

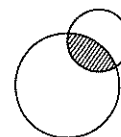
Express in lowest terms: $\frac{3 \times \text{median} - \text{mode}}{6 \times \text{mean}}$

4C Time: 4 minutes

Find the integer that exceeds -5 by the same amount that $+13$ exceeds -1 .

4D Time: 6 minutes

A circle with radius 5 cm intersects a circle with radius 3 cm as shown. The area of the shaded region is $\frac{7\pi}{2}$ square cm. Find the total combined area inside the circles, but outside the shaded region. Leave your answer in terms of π .

**4E** Time: 8 minutes

How many different triangles can be formed whose 3 vertices are chosen from the rectangular array of 8 points shown?

