

station 1

- ① $7x - 3$
- ② $-14x + 20$
- ③ $-10y^2 - 2y + 8$
- ④ $-7x^2 - 12$
- ⑤ $8x^2 + 11x - 3y + 2$

station 2

- ① $y = \frac{2}{3}x - \frac{5}{3}$
- ② $l = \frac{p - 2w}{2}$ or $l = \frac{p}{2} - w$
- ③ $\frac{2A}{h} - B_1 = B_2$
- ④ $\frac{2A}{B_1 + B_2} = h$
- ⑤ $r = \sqrt{\frac{A}{\pi}}$

station 3

- slope AB = $\frac{7}{6}$
slope BC = $-\frac{1}{5}$
slope AC = 8
perimeter $\sqrt{85} + \sqrt{26} + \sqrt{65}$

slope AB = undefined

slope BC = $-\frac{1}{2}$

slope AC = $\frac{5}{4}$

Perimeter = $7 + \sqrt{5} + \sqrt{41}$

station 4

- ① $x = -\frac{8}{9}$
- ② $x = \frac{6}{5}$
- ③ $x = -1$
- ④ $x = -8$
- ⑤ $x = \frac{5}{33}$

station 5

- ① (2, 1)
- ② (4, 3)
- ③ (3, -2)
- ④ (0, -3)
- ⑤ (1, 2)

station 6

$$\textcircled{1} y = -.35x + 6.62$$

$$\textcircled{2} y = 1.7x + 8$$

$$\textcircled{3} y = 5x + 2$$

$$\textcircled{4} y = .91x + 2.92$$

$$\textcircled{5} y = .85x - .49$$

station 7

$\textcircled{1}$ D

$\textcircled{2}$ C

$\textcircled{3}$ A

$\textcircled{4}$ A

$\textcircled{5}$ D