

1. $\frac{1}{6} \leq x \leq \frac{5}{9}$ 를 만족하는 x 의 값을 모두 찾아라.

① $0.\dot{2}$

② $0.\dot{5}$

③ $0.\dot{6}$

④ $\frac{7}{11}$

⑤ $\frac{3}{7}$

해설

$$\frac{1}{6} = 0.1\dot{6} \leq x \leq \frac{5}{9} = 0.\dot{5}$$

$$\frac{7}{11} = 0.\dot{6}\dot{3}, \quad \frac{3}{7} = 0.42857 \dots$$

2. $3y(-2x + 5y)$ 를 간단히 하면?

① $-2xy - 15y^2$

② $-2xy - 7y^2$

③ $6xy - 15y^2$

④ $-6xy + 15y^2$

⑤ $6xy + 5y^2$

해설

$$(-2x) \times 3y + 5y \times 3y = -6xy + 15y^2$$