

1. $\frac{\square}{180}$ 가 유한소수로 나타내어질 때, $\square$ 안에 들어갈 수 있는 것은?

① 3

② 6

③ 9

④ 12

⑤ 15

2. 다음에서 x 의 값을 구하여라.

$$9^3 \times 27^2 \div 3^4 = 3^x$$

 답: _____

3. 다음 중에서 안에 들어갈 알맞은 식이 같은 것끼리 짝지은 것을 모두 골라라. (정답 2 개)

$\textcircled{\text{㉠}} \quad 6x^2 \times \square = 24x^3$	$\textcircled{\text{㉡}} \quad (2x)^2 \times \square = 8x^3$
$\textcircled{\text{㉢}} \quad 16x^9 \div \square = 4x^8$	$\textcircled{\text{㉣}} \quad 2x^9 \div x^7 \div \square = x$

- $\textcircled{\text{1}} \quad \textcircled{\text{㉠}}, \textcircled{\text{㉡}}$
- $\textcircled{\text{2}} \quad \textcircled{\text{㉠}}, \textcircled{\text{㉢}}$
- $\textcircled{\text{3}} \quad \textcircled{\text{㉡}}, \textcircled{\text{㉢}}$
- $\textcircled{\text{4}} \quad \textcircled{\text{㉡}}, \textcircled{\text{㉣}}$
- $\textcircled{\text{5}} \quad \textcircled{\text{㉢}}, \textcircled{\text{㉣}}$

4. $(x - y) : (x + 3y) = 5 : 2$ 일 때, $\frac{x}{2} - y$ 를 y 에 관한 식으로 나타낸 것은?

- ① $\frac{y}{7}$ ② $\frac{y}{15}$ ③ $\frac{2}{3}y$ ④ $-\frac{10}{3}y$ ⑤ $-\frac{23}{6}y$

5. $A = \frac{2x-3y+1}{3}$, $B = \frac{x-2y+1}{2}$ 일 때, $A - \{B - (2A - B)\}$ 를 x, y 를 써서 나타내어라.

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