

1. 다음 중 계수가 가장 큰 것과 가장 작은 것을 차례로 나열하면?

$$\textcircled{\text{㉠}} 3a \times 2b$$

$$\textcircled{\text{㉡}} \left(\frac{1}{4}ab\right)^2 \times (2ab)^3$$

$$\textcircled{\text{㉢}} (-ab)^3 \times 2b$$

$$\textcircled{\text{㉣}} (-4x) \times (-3y)^2$$

$$\textcircled{1} \textcircled{\text{㉠}}, \textcircled{\text{㉡}}$$

$$\textcircled{2} \textcircled{\text{㉠}}, \textcircled{\text{㉢}}$$

$$\textcircled{3} \textcircled{\text{㉠}}, \textcircled{\text{㉣}}$$

$$\textcircled{4} \textcircled{\text{㉡}}, \textcircled{\text{㉢}}$$

$$\textcircled{5} \textcircled{\text{㉡}}, \textcircled{\text{㉣}}$$

2. 다음 보기 중 계수가 가장 큰 것과 가장 작은 것을 차례대로 나열한 것은?

$$\textcircled{\Gamma} 4a \times (-6b)$$

$$\textcircled{\text{L}} (-5x) \times (-2y)^2$$

$$\textcircled{\text{C}} (-2ab)^3 \times 4b$$

$$\textcircled{\text{E}} \left(-\frac{1}{3}ab\right)^2 \times (3ab)^3$$

$$\textcircled{1} \textcircled{\Gamma}, \textcircled{\text{L}}$$

$$\textcircled{2} \textcircled{\text{L}}, \textcircled{\text{C}}$$

$$\textcircled{3} \textcircled{\text{E}}, \textcircled{\text{C}}$$

$$\textcircled{4} \textcircled{\Gamma}, \textcircled{\text{C}}$$

$$\textcircled{5} \textcircled{\text{L}}, \textcircled{\text{E}}$$

3. $a : b = 2 : 3$ 이고, $\left(b - \frac{1}{a}\right) \div \left(\frac{1}{b} - a\right) = \boxed{}$ 일 때, $\boxed{}$

안에 알맞은 수를 구하여라.

① $\frac{3}{2}$

② $-\frac{1}{2}$

③ -3

④ $\frac{1}{2}$

⑤ $-\frac{3}{2}$

4. $\frac{7}{3}x^4 \div \left(\frac{7}{12}x^3y\right) \div \left(-\frac{1}{4}xy^2\right)$ 을 간단히 하면?

① $-16x^8y^3$

② $-\frac{16x^6}{y}$

③ $-\frac{16}{y^3}$

④ $-\frac{1}{16y^3}$

⑤ $-\frac{16x^8}{y^3}$

5. $(2x^2y)^3 \times (-x^2y^3) \div \{(-x)^3y\}^2$ 을 간단히 하면?

① $-8x^2y^4$

② $2x^2y^3$

③ $8x^2y^4$

④ $-2x^2y^3$

⑤ $4x^4y^2$

6. $-16x^2y^3 \times \square \div 8xy^2 = -4x^3y^2$ 에서 $\square$ 안에 알맞은 식은?

① $-2xy^2$

② $2xy^2$

③ $-2x^2y$

④ $2x^2y$

⑤ $-2xy$