

1. 다음 등식에서 밑줄 친 항을 이항한 것을 고르면?

$$2x + \underline{4} = 10 - \underline{4x}$$

- ① $2x + 4x = 10 - 4$ ② $2x - 4x = 10 + 4$
③ $2x + 4x = 10 + 4$ ④ $2x + 4x = -10 - 4$
⑤ $2x - 4x = 10 - 4$

2. x 는 절댓값이 4보다 작은 정수일 때, $5x - 15 = -3x + 1$ 의 해를 구하여라.

 답: $x =$ _____

3. 다음 중 일차방정식을 모두 고른것은?

$\textcircled{\text{㉠}} \quad 4x + 5 = 9$	$\textcircled{\text{㉡}} \quad x^2 + 4 = 5x - 1$
$\textcircled{\text{㉢}} \quad 6x - 9 = 9 + 6x$	$\textcircled{\text{㉣}} \quad x - 1 = -x + 3$
$\textcircled{\text{㉤}} \quad 3x - 7 = 3(x + 2)$	$\textcircled{\text{㉥}} \quad 5x + 2 = 6x$

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

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

③ $\textcircled{\text{㉠}}, \textcircled{\text{㉣}}, \textcircled{\text{㉤}}$
- ④ $\textcircled{\text{㉠}}, \textcircled{\text{㉣}}, \textcircled{\text{㉥}}$

⑤ $\textcircled{\text{㉠}}, \textcircled{\text{㉤}}, \textcircled{\text{㉥}}$

4. 방정식 $0.24x + 5.2 = 0.02x + 0.8$ 의 해를 $x = a$ 라고 할 때 $a^2 - a$ 의 값은?

① 330 ② 350 ③ 380 ④ 400 ⑤ 420

5. 두 방정식 $2x - 3 = \frac{x-3}{2}$, $2x - a = -3$ 에 대하여 공통인 해가 존재할 때, a 의 값을 구하여라.

 답: _____