

1. $(a+b)(a+b-3)+2$ 를 인수분해하면 $(a+b-m)(a+b-n)$ 일 때,
 $m+n$ 의 값은?

① 2

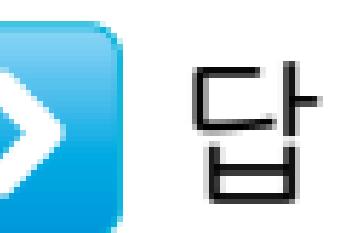
② 3

③ 6

④ 11

⑤ 16

2. $(3x - 2)^2 - (2x + 3)^2 = (Ax + 1)(x + B)$ 일 때, $A + B$ 의 값을 구하
여라.



답: $A + B =$

3. 다음 중 $\left(-a + \frac{1}{2}b\right)^2$ 과 전개식이 같은 것은?

① $-\left(a - \frac{1}{2}b\right)^2$

④ $\left(a - \frac{1}{2}b\right)^2$

② $-\left(a + \frac{1}{2}b\right)^2$

⑤ $\left(a + \frac{1}{2}b\right)^2$

③ $\left(-a - \frac{1}{2}b\right)^2$

4. $2x^2 - \frac{1}{2}$ 을 인수분해하면?

① $2\left(x + \frac{1}{2}\right)\left(x - \frac{1}{2}\right)$

③ $2\left(x + \frac{1}{2}\right)(x - 1)$

⑤ $\frac{1}{2}(2x + 1)(x - 1)$

② $2(x + 1)\left(x - \frac{1}{2}\right)$

④ $2(x + 1)(x - 1)$

5. $ax^2 + 24x + b = (3x + c)^2$ 일 때, 상수 a, b, c 의 값을 차례로 구하면?

① $a = 9, b = 16, c = -4$

② $a = 9, b = 8, c = 4$

③ $a = 9, b = 16, c = 2$

④ $a = 9, b = 16, c = 4$

⑤ $a = 3, b = -8, c = 4$