

| S.No | Question | Answer Options |
|------|--|---|
| 1 | Choose the correct option : What should be added to $(m^2 - 2mn + 5n^2)$ to get $n^2 + mn - m^2$? | <div style="display: flex; flex-direction: column; align-items: flex-end;"> <div style="border: 1px solid black; padding: 5px; width: 100%; text-align: center;">$(-4n^2 + 3mn - 2m^2)$</div> <div style="border: 1px solid black; padding: 5px; width: 100%; text-align: center;">$4n^2 + 3mn + 2m^2$</div> <div style="border: 1px solid black; padding: 5px; width: 100%; text-align: center;">$(-4n^2 - 3mn + 2m^2)$</div> <div style="border: 1px solid black; padding: 5px; width: 100%; text-align: center;">None of the above</div> </div> |
| 2 | $\frac{2a + 6}{9} + 10 = 14$ Solve the equation and choose the correct answer : | <div style="display: flex; flex-direction: column; align-items: flex-end;"> <div style="border: 1px solid black; padding: 5px; width: 100%; text-align: center;">12</div> <div style="border: 1px solid black; padding: 5px; width: 100%; text-align: center;">13</div> <div style="border: 1px solid black; padding: 5px; width: 100%; text-align: center;">15</div> <div style="border: 1px solid black; padding: 5px; width: 100%; text-align: center;">16</div> </div> |

3

The product of $\frac{1}{2}ab - \frac{1}{3}ab^2 + \frac{2}{3}a^2b - 4a + 5b$ by $6ab$ is
Choose the correct option :

$$3ab * 2a^2b + 4ab^2 * 24a^2b + 30ab^2$$

$$6a^2b^2 * 6a^2b^3 + 6a^3b^2 * 24a^2b + 30ab^2$$

$$3a^2b^2 * 2a^3b^2 + 4a^3b^3 * 24a^2b^2 + 30a^2b^2$$

$$3a^2b^2 * 2a^2b^3 + 4a^3b^2 * 24a^2b + 30ab^2$$

4

Solve the problem : Subtract $7x$ from $4x = -$ _____ x

Answer

5

Solve the problem : Add the following algebraic expressions : $p^2 - 3q^2 - 6r^2 + 2pqr$, $q^2 - 3p^2 + 2r^2 - 5pqr$ and $r^2 - p^2 - 3q^2 + 2pqr = -3p^2 + q^2 - 3r^2 - pqr$

True

False

Correct Answer is

1. Correct Ans option is $(-4n^2 + 3mn - 2m^2)$
2. Correct Ans option is 15
3. Correct Ans option is $3a^2b^2 * 2a^2b^3 + 4a^3b^2 * 24a^2b + 30ab^2$
4. Correct Answer is 3
5. Correct Ans option is True