

Algebra

1). Which is the formula for a^m/a^n ?

- (A) a^{m+n}
- (B) a^{m-n}
- (C) a^{m*n}
- (D) $(a^m)^n$

Correct Answer : B

2). What is the value of $14x+3y+25x+2y$?

- (A) $17x + 27y$
- (B) $16x + 28y$
- (C) $39x + 5y$
- (D) $44xy$

Correct Answer : C

3). What is the formula for $(a-b)^2$?

- (A) $a^2 - 2ab + b^2$
- (B) $a^2 + 2ab + b^2$
- (C) $a^2 - 2ab - b^2$
- (D) $-a^2 - 2ab - b^2$

Correct Answer : A

4). What is the value of $a^2*a^3*a^4$?

- (A) a^7
- (B) a^8
- (C) a^9
- (D) a^{10}

Correct Answer : D

5). What is the expanded form of $(a+b)^2$?

- (A) $a^2 + 2ab + b^2$
- (B) $a^2 - 2ab + b^2$
- (C) $a^2 + 2ab - b^2$
- (D) $-a^2 - 2ab + b^2$

Correct Answer : A

