1. How many terms are there in the expression $4x+5y$.

2. What is numerical coefficient of y in the expression $x-y$.

3. What is the degree of the polynomial $6x-5+6x^2-x^4$?

4. What is the value of $(x-y)(x+y)+(y-z)(y+z)$?

5. What is the degree of a constant polynomial?

6. What is the value of x^2+y^2-10 at $x=0$ and $y=0$?

7. Simplify $(a+b+c)(a+b-c)$.

8. Using identities evaluate: 8.60×11.60.

9. Evaluate: $\left(x+\frac{1}{x}\right)\left(x-\frac{1}{x}\right)\left(x^2+\frac{1}{x^2}\right)\left(x^4+\frac{1}{x^4}\right)$.

10. Simplify: $0.63\times0.63+2\times0.63\times0.37+0.37\times0.37$.

11. Solve: $7x^2(2x+1)+10x^3(x+1)$

12. Show that $x(y-z)+y(z-x)+z(x-y)=0$.

13. Show that $a(b-c)+b(c-a)+c(a-b)=0$.

14. Subtract $3pq(p-q)$ from $6pq(p+q)$.

15. Solve: $(3x-y)^2+3x(2x+y)^2$.

16. Find the value of the product $\left(5x^2-10x\right)$ and $\left(-6x^3\right)$ at $x=0$.