

Substitution *fluency*



Work out the value of each expression when $x = 4$ and $y = 3$

1 $x + y$

2 $3x$

3 $2y + 5$

4 xy

5 $5x - 2y$

6 $\frac{x}{2} + y$



Work out the value of each expression when $x = 5$ and $y = -2$

7 $x + 2y$

8 $3y$

9 $x - y$

10 $xy + 1$

11 $4y + x$

12 $y - 2x$



Work out the value of each expression when $x = 3$ and $y = -4$

13 x^2

14 y^2

15 $2x^2$

16 $x^2 + y^2$

17 $x^3 - y$

18 $3y^2 - x$



Work out the value of each expression when $x = -3$ and $y = 6$

19 $2(x + y)$

20 $\frac{x + y}{3}$

21 $\frac{y}{x}$

22 $(x - y)^2$

23 $x(y - 1)$

24 $\frac{xy}{2} + x^2$



Work out the value of each expression when $x = 2.5$ and $y = -4$

25 $4x$

26 $y - x$

27 $2xy$

28 $x^2 + y$

29 $2y^2 - x$

30 $\frac{3x + y}{2}$