

Algebraic Expressions and Identities: Worksheet -5

1. Multiply the following :

1) $(2x) \times (3x) =$ _____

2) $(-2x) \times (-3xy) \times (4y) =$ _____

3) $\frac{-2}{3}x \times \frac{4}{6}xy =$ _____

4) $2x (3x + 2) =$ _____

5) $-2y (6x - 2y) =$ _____

6) $(x + y) (2x - y) =$ _____

7) $\left(\frac{2}{3}x + y\right)\left(\frac{9}{4}x + 2y\right) =$ _____

8) $\left(\frac{x}{2} + \frac{y}{3}\right)\left(\frac{2x}{3} + \frac{6y}{7}\right) =$ _____

