

Revision Worksheet

Solve

1. $4x = 12$

2. $4x - 2 = 10$

3. $\frac{4x}{3} = 4$

4. $\frac{4x}{3} - 2 = 2$

5. $2\left(\frac{2x}{3} - 1\right) = 2$

6. $2\left(\frac{2x}{3} - 1\right) + \frac{2x}{3} = 2$

7. $4x + 5 = 3(x + 1)$

8. $\frac{4x + 2}{3} = \frac{3x - 2}{4}$

Factorise as far as possible:

1. $3x^2 + 6x$

2. $4x^3 - 6x^2 + 8x^4$

3. $9x^2 - 4$

4. $x^2 + 3x - 4$

Solve

1. $x^2 + 3x - 4 = 0$

2. $x^2 - 3x - 4 = 0$

3. $x^2 + 4x + 4 = 0$

4. $4x^2 + 12x - 16 = 0$

5. $2x^2 - 6x - 8 = 0$

END