# Changing the Subject

**Make x the subject of the following equations;**

| | | | |
|---|---|---|---|
| 1 | $y = 3x - 2$ | $y = 5x + 4$ | $y = 7 - 3x$ |
| 2 | $y = 5x^2 - 2$ | $y = 2x^3 + 4$ | $y = 6 - 5x^2$ |
| 3 | $y = \frac{4x - 7}{3}$ | $y = \frac{5x^2 + 2}{7}$ | $y = \frac{4}{7x + 1}$ |
| 4 | $y = 3x - xy$ | $y = px + qx$ | $y + 2 = ax + 3x$ |
| 5 | $y + 2x = 3 - xy$ | $y + kx = px + q$ | $y + x = ax + 3$ |
| 6 | $y = \frac{x - 3}{x + 2}$ | $y = \frac{2x - 5}{x - 4}$ | $y = \frac{7x + 2}{3 - x}$ |
| 7 | $y = \frac{x - a}{x + b}$ | $y = \frac{ax - 5}{x - b}$ | $y = \frac{px + q}{q - px}$ |