

Year 9 Equations

Solve

①

a) $2x + 4 = 7$

b) $x - 3 = 8$

c) $9 = x + 2$

d) $10 = x - 5$

e) $2x = 8$

f) $10 = 5x$

g) $\frac{2x}{2} = 7$

h) $\frac{x}{3} = 4$

i) $3x = 1$

j) $7 = 9x$

②

Solve

a) $12x + 3 = 11x + 5$

b) $8x - 3 = 7x + 2$

c) $5x - 3 = 6x - 7$

d) $3x + 4 = 4x - 3$

e) $4x + 1 = 9$

f) $8 = 7x + 1$

③

Solve

a) $7x + 3 = 5x + 11$

b) $13x - 2 = 10x + 10$

c) $4x + 7 = 9x - 8$

d) $2x + 140 = 6x + 80$

e) $2x + 5 = 8x + 4$

f) $7x - 3 = 4x + 2$