

NICKS & TRICKS

GUIDE TO JC MATHS

Solving Equations

Always Remember!

$$3x = 24$$

Joined at the hip, bring it under

SOLUTION!

$$x = \frac{24}{3}$$
$$x = 8$$

$$3 + x = 24$$

- The plus separates them
- Bring it across the equals and change the sign

SOLUTION!

$$3 + x = 24$$

$$x = 24 \ominus 3$$

$$x = 21$$

3 Questions – 15 mins – Time yourself!

Question 1:

$$2(x + 1) - 7 = 19$$

Question 2:

Use the cross multiplying 'Arrow method' for this.

Solve: $\frac{x+4}{2} = \frac{2x-5}{6}$