

Concept Test 3

Topic: Solving quadratic equation by Factorisation

- Q1 In solving the equation
 $(x - 10)(x + 2) = -32$,
John's solution is:

$$x - 10 = -32 \text{ or } x + 2 = -32$$

Hence, $x = -22$ or -34 .

Do you agree with him?

- Q2 For the equation $x^2 - 2x = 0$,
Jack's solution is:

$$x(x - 2) = 0,$$

Dividing both sides of the equation by x , I get

$$x - 2 = 0$$

and hence, $x = 2$.

Do you agree with him?

- Q3 Did you encounter any difficulty in understanding the concept? Is there any area which you would like to find out more? Reflect on your learning experience.