

That's Strange



Sometimes when solving equations the solution doesn't work out as expected. Let's look at two examples that are different from the other equations you have solved. In a later unit you will look at these situations in more detail from a graphing approach.

1. Solve this equation for x : $3(x - 4) - 5x = -2(x + 3)$

2. List what you came up with: _____

3. Does this answer solve for x ? _____

4. Do you think this equation has a solution? _____

5. Substitute a number of your choice into the equation for x , show your work above.

What did you come up with? _____

6. What thoughts do you have about the solution to this equation?



7. Solve this equation for x : $-6x + 7 + 2(x - 3) = -2(2x + 5) + 11$

8. List what you came up with: _____

9. Does this answer solve for x ? _____

10. Do you think this equation has a solution? _____

11. Substitute a number of your choice into the equation for x , show your work above.

What did you come up with? _____

12. What thoughts do you have about the solution to this equation?

