



New Maths GCSE: A17 - Solving linear equations with x on both sides

Name:.....

Date:.....

Find the value of x

$$5x = 3x + 6$$

A x = 2	B x = 6	C x = 4	D x = 3
-------------------	-------------------	-------------------	-------------------

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Find the value of x

$$4x = 3x + 7$$

A x = 6	B x = 7	C x = 1	D x = 10
-------------------	-------------------	-------------------	--------------------

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Solve

$$x + 6 = 3x + 2$$

A) x = 3
B) x = 2
C) x = 4
D) x = 1

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Solving Linear Equations

Solve $5x - 2 = 3x + 9$

A) $2x - 2 = 9$ B) $2x - 5 = 6$

C) $2x - 5 = 9$ D) $2x - 2 = 6$

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Solving Linear Equations

Solve $2x + 5 = 3x - 2$

A) $x = 3$ B) $-x = -7$

C) $x = 7$ D) None of these

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

1) Describe the nature of the solution to the equation:
 $7c + 6 = 7c + 7$

A) Many solutions B) No solutions

C) One solution D) Two solutions

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

2) Describe the nature of the solution to the equation:
 $8h + 1 = 8h + 1$

A) Many solutions B) No solutions

C) One solution D) Two solutions

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....