

New Maths GCSE: A17 - Solving basic linear equations



Name:.....

Date:.....

Solve the equation

$$3x - 3 = 18$$

A $x = 5$	B $x = 18$	C $x = 6$	D $x = 7$
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Correct Answer: A B C D

Explanation:

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Solve for x

$$x - 6 = 13$$

a) $x = -19$	c) $x = 7$
b) $x = 19$	d) $x = -7$

Correct Answer: A B C D

Explanation:

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Solve for x

$$x + 8 = 19$$

a) $x = 8$	c) $x = 27$
b) $x = 11$	d) $x = -27$

Correct Answer: A B C D

Explanation:

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Solve for x

$$4x - 2 = 14$$

a) $x=3$ c) $x=-4$
 b) $x=4$ d) $x=-3$

Correct Answer: A B C D

Explanation:

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Solve for x

$$2x + 3 = 11$$

a) $x=8$ c) $x=14$
 b) $x=4$ d) $x=7$

Correct Answer: A B C D

Explanation:

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Solve for x

$$\frac{x + 2}{2} = 4$$

a) $x=1$ c) $x=4$
 b) $x=2$ d) $x=12$

Correct Answer: A B C D

Explanation:

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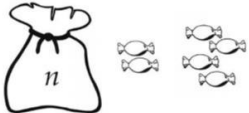
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Remember... n = number of sweets in a bag

The total number of sweets below is 12. What is the value of n ?



A **6** B **12**
 C **3** D **7**

Mr P Collins

Correct Answer: A B C D

Explanation:

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Solve the equation

$$\frac{x}{2} = 12$$

A $x = 14$	B $x = 6$	C $x = 24$	D $x = 10$
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Correct Answer: A B C D

Explanation:

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Solve the equation

$$\frac{x + 3}{3} = 6$$

A $x = 9$	B $x = 21$	C $x = 5$	D $x = 15$
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Correct Answer: A B C D

Explanation:

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Solve for x

$$20 - 4x = 8$$

a) $x=3$	c) $x=16$
b) $x=8$	d) $x=-3$

Correct Answer: A B C D

Explanation:

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