

New Maths GCSE: A22 - Inequalities on a Number Line



Name:

Date:

Show $x > -1$ on a number line

A)

B)

C)

D)

Correct Answer: A B C D

Explanation:

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What inequality does this number line represent?

A) $x < 2$ C) $x \geq 2$

B) $x > 2$ D) $x \leq 2$

Correct Answer: A B C D

Explanation:

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Visually represent the following inequality on a number line.

$1 < x \leq 4$

a)

b)

c)

d)

Correct Answer: A B C D

Explanation:

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What inequality is shown by the number line?

A) $1 > X < 11$ B) $1 < X > 11$
 C) $1 > X > 11$ D) $1 < X < 11$

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Correct Answer: A B C D

Explanation:

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What inequality is shown by the number line?

A) $1 \leq X \leq 13$ B) $1 < X \leq 13$
 C) $1 > X \geq 13$ D) $1 \leq X < 13$

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Correct Answer: A B C D

Explanation:

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What inequality is shown by the number line?

A) $-1 < X < 18$ B) $-1 \leq X < 18$
 C) $-1 \geq X > 18$ D) $-1 > X \geq 18$

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Correct Answer: A B C D

Explanation:

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What inequality is shown by the number line?

A) $0 < X < 20$ B) $0 \leq X < 20$
 C) $0 > X > 20$ D) $0 \leq X \leq 20$

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Correct Answer: A B C D

Explanation:

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What inequality is shown by the number line?

A) $1 < x < 11$ B) $1 < x \leq 11$

C) $1 \leq x < 11$ D) $1 \geq x > 115$

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Correct Answer: A B C D

Explanation:

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m is an integer such that $-2 < m \leq 3$

Write down all the possible value of m . (2)

possible values are

What should go in the shaded box?

A) -2, -1, 0, 1, 2, 3 B) -1, 1, 2, 3

C) -1, 0, 1, 2, 3 D) -1, 0, 1, 2

Correct Answer: A B C D

Explanation:

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n is an integer.

$-1 \leq n < 4$

List the possible value of n .

possible values are (2)

What should go in the shaded box?

A) -1, 0, 1, 2, 3 B) 1, 2, 3

C) -1, 1, 2, 3 D) -1, 0, 1, 2, 3, 4

Correct Answer: A B C D

Explanation:

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