

Name: ..... Class: .....

Solutions to inequalities

Which of the following are solutions to the inequality?

$a \leq 10$

- $a=20$         $a=9$         $a=10$

Which of the following is a solution to the inequality ?

$15 \geq c$

- $c=21$         $c=14$         $c=30$

Which of the following is a solution to the inequality?

$b > 30$

- $b=31$         $b=30$         $b=29$

Which of the following are solutions to the inequality?

$m \geq 2$

- $m=2$         $m=0$         $m=5$

Which of the following are solutions to the inequality?

$m \leq 5$

- $m=2$         $m=5$         $m=1$

Which of the following are solutions to the inequality?

$w < 20$

- $w=30$         $w=15$         $w=19$

Check wether  $x=5$  is a solution to the inequality below. Then tick the correct answer.

$3x \geq 15$

- true       false

Check wether  $y=10$  is a solution to the inequality below. Then tick the correct answer.

$20y > 200$

- true       false

Check wether  $w=2$  is a solution to the inequality below. Then tick the correct answer.

$10 \leq 6w$

- true       false

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Check wether  $x=5$  is a solution to the inequality below. Then tick the correct answer.

$3x \geq 15$

- true     false

Substitute  $x=5$  into the inequality.

$3x \geq 15$   
 $3(5) \geq 15$   
 $15 \geq 15$

- true     false

Check wether  $y=10$  is a solution to the inequality below. Then tick the correct answer.

$20y > 200$

- true     false

Check wether  $w=2$  is a solution to the inequality below. Then tick the correct answer.

$10 \leq 6w$

- true     false