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

Solutions to inequalities

Which of the following are solutions to the inequality?

$a \leqslant 10$

☐ a=20   ☐ a=6   ☐ a=10

Which of the following is a solution to the inequality ?

$15 \geqslant c$

☐ c=21   ☐ c=10   ☐ c=30

Which of the following is a solution to the inequality?

$b > 30$

☐ b=50   ☐ b=30   ☐ b=29

Which of the following are solutions to the inequality?

$m \geqslant 2$

☐ m=2   ☐ m=0   ☐ m=11

Which of the following are solutions to the inequality?

$m \leqslant 2$

☐ m=2   ☐ m=0   ☐ m=1

Which of the following are solutions to the inequality?

$w < 20$

☐ w=30   ☐ w=0   ☐ w=10

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

$3x \geqslant 15$

☐ 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.

$10 \leqslant 6w$

☐ true   ☐ false

mathskills4kids

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Solutions to inequalities

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

$3x \geqslant 15$

Substitute **x=5** into the inequality.

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

☑ 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.

$10 \leqslant 6w$

☑ true   ☐ false