Is the Value a Solution?

Is the value a solution to the equation? Show all work neatly.

1) Can $x = 8$?

$4x = 32$

Yes or No?

2) Can $y = 12$?

$y + 34 = 22$

Yes or No?

3) Can $m = 2.4$?

$\frac{m}{6} = 0.4$

Yes or No?

4) Can $c = 6$?

$4c + 3 = 27$

Yes or No?

5) Can $n = 1.2$?

$2n + 0.34 = 5.8$

Yes or No?

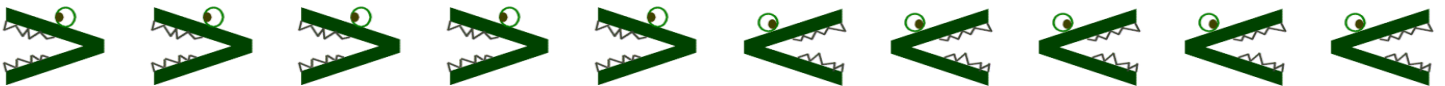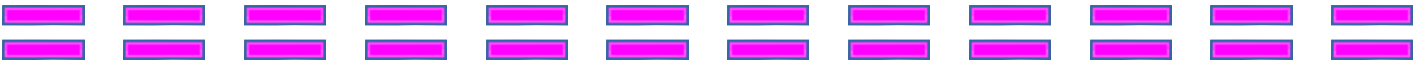6) Can $k = 18$?

$\frac{k}{6} - 2 = 2$

Yes or No?

Is the value a solution to the inequality? Show your proof.

1) Can $p = 9$?

$p < 10$

Yes or No?

2) Can $n = 12$?

$n + 4 \leq 13$

Yes or No?

3) Can $m = 9.3$?

$m > 9$

Yes or No?

4) Can $c = 6$?

$c < 6$

Yes or No?

5) Can $y = 7$?

$y \geq 7$

Yes or No?

6) Can $k = 24$?

$k - 5 > 19$

Yes or No?