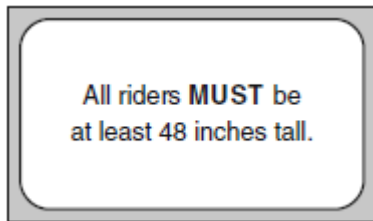


NAME: _____

A.A.4: Translate verbal sentences into mathematical equations or inequalities.

1. 060906ia, P.I. A.A.4

The sign shown below is posted in front of a roller coaster ride at the Wadsworth County Fairgrounds.



If h represents the height of a rider in inches, what is a correct translation of the statement on this sign?

- [A] $h \geq 48$ [B] $h < 48$
[C] $h > 48$ [D] $h \leq 48$

2. 080803ia, P.I. A.A.4

Mrs. Smith wrote "Eight less than three times a number is greater than fifteen" on the board. If x represents the number, which inequality is a correct translation of this statement?

- [A] $8 - 3x < 15$ [B] $8 - 3x > 15$
[C] $3x - 8 > 15$ [D] $3x - 8 < 15$

3. 080901ia, P.I. A.A.4

If h represents a number, which equation is a correct translation of "Sixty more than 9 times a number is 375"?

- [A] $9h = 375$ [B] $60h + 9 = 375$
[C] $9h + 60 = 375$ [D] $9h - 60 = 375$

A.A.4: Translate verbal sentences into mathematical equations or inequalities.

[1] A

[2] C

[3] C