

Inequalities Bell Work

Math 6

Part 1: Complete the following statements.

1. An _____ is a statement that compares two or more quantities.
2. The word "maximum" represents the inequality _____.
3. The word "exceeds" represents the inequality _____.

Part 2: Write the letter of the correct answer.

_____ 1. Which of the following statements is correct?

- a. The inequality $A < x < B$ means x lies between A and B .
- b. The word "differs from" represents the inequality \leq .
- c. Both a and b
- d. None of these

_____ 2. The statement "The product of 13 and x is less than 36" is represented as:

- a. $13 + x < 36$
- b. $13x > 36$
- c. $13x < 36$
- d. None of these

_____ 3. The statement "The ratio of x and 4 is less than or equal to 15" is represented as:

- a. $\frac{x}{4} > 15$
- b. $\frac{x}{4} \leq 15$
- c. $\frac{x}{4} \neq 15$
- d. None of these

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_____ 4. What inequality symbol will make the statement $-5 \square -6$ true?

- a. $<$
- b. $>$
- c. \geq
- d. None of these