

Mathematics Toolkit: Grade 7 Objective 1.B.2.a

Standard 1.0 Knowledge of Algebra, Patterns, and Functions

Topic B. Expressions, Equations, and Inequalities

Indicator 2. Identify, write, solve, and apply equations and inequalities

Objective a. Write equations and inequalities to represent relationships

Assessment Limits:

Use a variable, the appropriate relational symbols ($>$, \geq , $<$, \leq , $=$), and one or two operational symbols ($+$, $-$, \times , \div) on either side and use whole numbers, fractions with denominators as factors of 100, or decimals with no more than three decimal places (0 – 500)

Selected Response (SR) Item

Question

Valeri earned \$12.50 per hour at her summer job.

If she earned \$375 last week, which equation can be used to determine the number of hours (h) Valeri worked?

- A. $12.50 + h = 375$
- B. $12.50h = 375$
- C. $12.50(375) = h$
- D. $12.50 \div 375 = h$

Correct Answer

- B. $12.50h = 375$

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