

Algebra 1 Second-Semester Final Exam Questions

1. Which step below is the FIRST with an error?

Original Equation: $5x + 4 = -3(x - 12)$

Step A: $5x + 4 = -3x - 12$

Step B: $\frac{5x + 4}{+3x} = \frac{-3x - 12}{+3x}$

Step C: $8x + 4 = -12$

Step D: $\frac{8x + 4}{-4} = \frac{-12}{-4}$

Step E: $8x = -16$

2. Some students attend school 180 of the 365 days in a year. What part of the year do these students attend school?

- [A] 49% [B] 185 days [C] 51% [D] 657%

3. Solve for x : $\frac{x}{180} = \frac{6}{15}$

- [A] 0.06 [B] 0.6 [C] 6 [D] 60

4. Solve the equation: $\frac{x+7}{4} = \frac{3x}{2}$

- [A] $x = 7$ [B] $x = -1$ [C] $x = 3.5$ [D] $x = 6$

5. The figures below are similar. Determine the unknown length.



- [A] 25 in [B] 16 in [C] 23 in [D] 9 in

2nd Semester Final Review Questions

Scott C. Dulebohn



2nd Semester Final Review Questions:

Decoding **2nd Semester Final Review Questions**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its power to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**2nd Semester Final Review Questions**," a mesmerizing literary creation penned with a celebrated wordsmith, readers attempt an enlightening odyssey, unraveling the intricate significance of language and its enduring affect our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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