

Order of operations homework

Calculate each (using the correct order of operations):

1. $12 - 4 + 3$

2. $90 \div 5 \div 2 \times 3$

3. $5 \cdot 6^2 \div 9$

4. $100 - 5 \cdot 3^2 + 12 \div 3 \times 4$

5. $7 + 2 \cdot 4 - 3$

6. $\frac{9+15}{6 \times 2}$

Fix the equals signs:

7. $4 \times 5 = 20 + 4 = 24$

8. $2 \times 3 = 6^2 = 36 - 7 = 29$

9. $\frac{1}{2} \cdot 4 \cdot 3 = \frac{1}{2} \cdot 12 = 6 + 9 = 15$

10. Ms. Wilson gave her algebra students three optional problems (A, B, and C) for extra credit. She calculated:

- 54% of the students did problem A
- 45% did B
- 36% did C
- 12% did A and B
- 17% did B and C
- 20% did A and C
- 5% did all three

What percent of the students did not turn in any of the problems?

