

Pre-Algebra II Chapter 7 Practice Test

Solve each equation.

1. $\frac{1}{4}c + 3 = \frac{3}{4}$ 2. $\frac{3}{5}b - 5 = 4$

3. $-0.5x + 2 + 4x = 9$

4. $2.4b + 5.6 = -6.4$

Find the simple interest.

5. \$200 deposited at an interest rate of 5% for 1 year.

6. \$3,500 deposited at an interest rate of 8% for 5 years.

7. \$1,150 deposited at an interest rate of 2% for 6 months.

Solve.

8. The sale price of the sweater is \$50. The price is 20% less than the original price. What was the original price?

Solve each equation.

9. $3x + 2x = 30$

10. $4m - m = -6$

11. $12 = 2(x - 3) - x$

12. $9(3c + 5) = 2c$

Solve each equation.

13. $5x + 8 = 9x$

14. $15y + 3 = 9y - 15$

15. $2(2b + 6) = 3(4b - 8)$