

1.3**Practice**

For use after Lesson 1.3

Solve the equation. Check your solution.

1. $x + 16 = 9x$

2. $4y - 70 = 12y + 2$

3. $5(p + 6) = 8p$

4. $3(g - 7) = 2(10 + g)$

5. $1.8 + 7n = 9.5 - 4n$

6. $\frac{3}{7}w - 11 = -\frac{4}{7}w$

7. One movie club charges a \$100 membership fee and \$10 for each movie. Another club charges no membership fee but movies cost \$15 each. Write and solve an equation to find the number of movies you need to buy for the cost of each movie club to be the same.

8. Thirty percent of all the students in a school are in a play. All students except for 140 are in the play. How many students are in the school?