Equations with Variables on Both Sides

Independent Set 11.02

Name_____
Date_____
Period_____

Six questions, on your own, in silence. Show the step that does the work.

1. Solve: $11w - 7 = 4w + 35$

2. Solve: $3h + 10 = 8h + 45$

3. Solve: $5(p - 3) = 2p + 12$

4. Solve: $3(k + 6) = 5(k - 2)$

5. Solve: $0.5(6t + 4) = t + 9$

6. A skating rink charges $9 a visit, or $24 a month plus $5 a visit. After how many visits in a month do the two plans cost the same?