Multi-Step Equations

Independent Set 11.04

Name_____
Date_____
Period_____

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

1. Solve: $-\frac{3}{4}(8w-12)=2w-23$

2. Solve: $\frac{2}{5}(10n-5)=3n+4$

3. Solve: $\frac{m}{2}-3=\frac{m}{5}+3$

4. Solve: $-2.5(2k-4)=k-8$

5. How many solutions does $\frac{1}{4}(8v+12)=2v-1$ have? If one, find it.

6. A kayak rental costs $15 plus $6.50 an hour. A second shop charges $9 an hour. For how many hours do the two cost the same?