

### Skill 3 (Solving One-Variable Equations) Lesson Examples

**(S3a) Solving One-Variable Equations:** Solve.

**A)**  $-3(5x-1) = 7 - (2x+3)$

**B)**  $\frac{5}{4} - \frac{4a+1}{6} = a + \frac{2a-5}{12}$

**C)**  $-9r+10+8r = -3(r-5)+2(r+1)$

**D)**  $-12-5(2x-3) = -4x+3-6x$

**(S3a) Solving One-Variable Equations:** Solve.

**E)**  $2(n-1) - 3(2n+5) = n - (n+3)$

**F)**  $5 - \frac{m-2}{3} = \frac{m+3}{8}$