8th Grade
Lesson 56

I can solve equations with mixed numbers.

Solve:

$$2\frac{1}{3}m = 5$$

$$\frac{3}{7} \cdot \frac{7}{3}m = \frac{5}{1} \cdot \frac{3}{7}$$

$$m = \frac{15}{7}$$

$3\frac{1}{2}K = 4\frac{1}{5}$

$\frac{2}{7} \cdot \frac{7}{2}K = \frac{21}{5} \cdot \frac{2}{1}$

$K = \frac{6}{5}$

(A) $2\frac{1}{4}p = 8\frac{1}{2}$

$\frac{4}{9} \cdot \frac{9}{4}p = \frac{17}{2} \cdot \frac{4}{9}$

$p = \frac{34}{9}$

(B) $4\frac{1}{5}x = 3\frac{1}{2}$

$\frac{5}{21} \cdot \frac{21}{5}x = \frac{7}{2} \cdot \frac{5}{21}$

$x = \frac{5}{6}$

Assignment

Problem Set 56 due Tuesday;
Test #13 on Monday