

Extra Practice: 5.5 Solving Equations with Fractions

Pre-Algebra

Name _____

Solve each equation.

$$1) 6p + \frac{4}{9} = 13\frac{7}{36}$$

$$2) 2\frac{527}{585} = -\frac{2}{9} + 2\frac{9}{10}a$$

$$3) \frac{5}{8}x + \frac{14}{9} = 2\frac{13}{72}$$

$$4) -3\frac{1}{10}m + \frac{4}{5} = -\frac{37}{70}$$

$$5) 2\frac{5}{9}x + \frac{7}{9} = 5\frac{25}{54}$$

$$6) -\frac{5}{3} - 3\frac{7}{10}x = 50\frac{2}{15}$$

$$7) -\frac{15}{8}b - 1\frac{4}{5} = -7\frac{23}{160}$$

$$8) -\frac{4}{9}x - 2 = -1\frac{53}{81}$$

$$9) 9\frac{11}{35} = 2r + 5\frac{5}{7}$$

$$10) -2\frac{1}{6} = \frac{1}{3} - \frac{5}{3}m$$

$$11) \frac{2}{9} + \frac{2}{3}n = -1\frac{25}{27}$$

$$12) 2\frac{1}{5} - \frac{12}{7}n = 3\frac{4}{7}$$