Multi-Step Equations: Fractions

Solve each equation.

1) $3\left(a - \dfrac{2}{3}\right) = \dfrac{3}{4}a + 2\dfrac{1}{4}$

2) $\dfrac{z}{2} - \dfrac{3}{5} = -\dfrac{2}{3}z + \dfrac{1}{6}$

3) $\dfrac{7}{4}x - 3 = 2 +$ ... $+ \dfrac{c}{4}$

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5) $\dfrac{1}{3} - \dfrac{2}{9}m = 1$ ... $\dfrac{4}{3} - q$

7) $\dfrac{1}{6}r + 2 = 4\dfrac{1}{9}r + \dfrac{8}{3}$

8) $\dfrac{2}{3} - \dfrac{3}{2}y + \dfrac{1}{3}y + 4 = 0$