

$$1) 12 \cdot (1\frac{3}{4}x + \frac{5}{8} = 6\frac{1}{2})$$

$$1\frac{3}{4}x + \frac{5}{8} = 6\frac{1}{2} : 12$$

$$1\frac{3}{4}x + \frac{5}{8} = \frac{13}{2} \cdot \frac{1}{12}$$

$$1\frac{3}{4}x = \frac{13}{24} - \frac{3}{8}$$

$$1\frac{3}{4}x = \frac{13 - 15}{24}$$

$$x = -\frac{2}{24} : 1\frac{3}{4}$$

$$x = -\frac{2}{24} \cdot \frac{4}{7}$$

$$x = -\frac{1}{21}$$

$$2) 1\frac{1}{5} \cdot (1,5 + 2\frac{1}{2}K) + 2\frac{1}{4} \cdot (\frac{8}{9}K + 0,4) =$$

$$= 1\frac{1}{5} \cdot \frac{15}{10} + 1\frac{1}{5} \cdot 2\frac{1}{2}K + 2\frac{1}{4} \cdot \frac{8}{9}K + 2\frac{1}{4} \cdot \frac{4}{10} =$$

$$= \frac{3}{1} \cdot \frac{15}{10} + \frac{3}{1} \cdot \frac{5}{2}K + \frac{1}{1} \cdot \frac{8}{9}K + \frac{9}{1} \cdot \frac{1}{10} =$$

$$= \frac{27}{10} + 3K + 2K + \frac{9}{10} = \frac{27}{10} + \frac{9}{10} + 5K = \frac{27}{10} + 5K$$

$$K = \frac{6}{25}$$

$$\frac{27}{10} + \frac{1}{1} \cdot \frac{6}{25} = \frac{27}{10} + 1\frac{1}{5} = \frac{27}{10} + 1\frac{2}{10} = 3\frac{9}{10}$$