**Esercizio n. 397**

$$\left(\frac{1}{2}+x\right):x=\frac{33}{14}:\frac{3}{7}$$

$$\left(\frac{1}{2}+x\right)\cdot\frac{1}{x}=\frac{33}{14}\cdot\frac{7}{3}$$

$$\left(\frac{1}{2x}+1\right)=\frac{11}{2}$$

$$\frac{1}{2x}=\frac{11}{2}-1$$

$$\frac{1}{2x}=\frac{11-2}{2}$$

$$\frac{1}{2x}=\frac{9}{2}$$

$$2x=\frac{2}{9}\implies x=\frac{2}{9}\cdot\frac{1}{2}\implies x=\frac{1}{9}$$

**Esercizio n. 399**

$$\frac{7}{8}:\frac{3}{4}=\left(\frac{2}{5}-x\right):x$$

$$\frac{7}{8}\cdot\frac{4}{3}=\left(\frac{2}{5}-x\right)\cdot\frac{1}{x}$$

$$\frac{7}{6}=\frac{2}{5x}-1$$

$$\frac{2}{5x}=\frac{7}{6}+1$$

$$\frac{2}{5x}=\frac{7+6}{6}$$

$$\frac{2}{5x}=\frac{13}{6}$$

$$\frac{5}{2}x=\frac{6}{13}$$

$$x=\frac{6}{13}\cdot\frac{2}{5}=\frac{12}{65}$$