$$\left(\frac{1}{4}+\frac{1}{5}\right)∙x=\frac{14}{5};$$

$$\frac{5+4}{20}∙x=\frac{14}{5};$$

$$\frac{9}{20}∙x=\frac{14}{5};$$

$$x=\frac{14}{5}:\frac{9}{20};$$

$$x=\frac{14}{5}∙\frac{20}{9};$$

$$x=\frac{14∙4}{9}=\frac{56}{9}=6\frac{2}{9}.$$