

氏名 () 点数 _____

$$\begin{aligned}(1) \quad 2:4 &= 3:x \\ 2x &= 12 \\ \underline{x &= 6}\end{aligned}$$

$$\begin{aligned}(2) \quad x:8 &= 3:2 \\ 2x &= 24 \\ \underline{x &= 12}\end{aligned}$$

$$\begin{aligned}(3) \quad x:8 &= 2:\frac{4}{5} \\ \frac{4}{5}x &= 16 \\ 4x &= 80 \\ \underline{x &= 20}\end{aligned}$$

$$\begin{aligned}(4) \quad x:(x-1) &= 4:5 \\ 5x &= 4(x-1) \\ 5x &= 4x-4 \\ \underline{x &= -4}\end{aligned}$$

$$\begin{aligned}(5) \quad \frac{x}{5}:\frac{3}{10} &= \frac{1}{2}:2 \\ \frac{2}{5}x &= \frac{3}{20} \\ 8x &= 3 \\ \underline{x &= \frac{3}{8}}\end{aligned}$$

$$\begin{aligned}(6) \quad \frac{5}{4}:5 &= \frac{x}{2}:\frac{2}{3} \\ \frac{5}{2}x &= \frac{5}{6} \\ 15x &= 5 \\ \underline{x &= \frac{1}{3}}\end{aligned}$$

$$\begin{aligned}(7) \quad x:(x-1) &= 4:3 \\ 4(x-1) &= 3x \\ 4x-4 &= 3x \\ \underline{x &= 4}\end{aligned}$$

$$\begin{aligned}(8) \quad x:3 &= 2(x-1):4 \\ 6(x-1) &= 4x \\ 6x-6 &= 4x \\ 2x &= 6 \\ \underline{x &= 3}\end{aligned}$$

$$\begin{aligned}(9) \quad x:\frac{3}{4} &= (x+5):2 \\ \frac{3}{4}(x+5) &= 2x \\ 3(x+5) &= 8x \\ 3x+15 &= 8x \\ -5x &= -15 \\ \underline{x &= 3}\end{aligned}$$

$$\begin{aligned}(10) \quad x:(x+3) &= \frac{3}{5}:\frac{2}{3} \\ \frac{3}{5}(x+3) &= \frac{2}{3}x \\ 9(x+3) &= 10x \\ 9x+27 &= 10x \\ -x &= -27 \\ \underline{x &= 27}\end{aligned}$$