

比の計算練習

NO. 1

名前

/13 点

次の式で、 x の値を求めなさい。

① $2 : 3 = 4 : x$

② $4 : 3 = 16 : x$

③ $x : 21 = 4 : 7$

④ $x : 12 = 2 : 3$

⑤ $3 : 4 = x : 16$

⑥ $5 : 7 = x : 14$

⑦ $9 : x = 7 : 2$

⑧ $2 : 5 = x : 6$

⑨ $3 : 5 = 1.8 : x$

⑩ $2 : 3 = 0.8 : x$

⑪ $12 : (x + 2) = 2 : 3$

⑫ $3 : 5 = 12 : (x + 2)$

⑬ $6 : 9 = (x - 4) : 15$

解答

$$\begin{aligned} \textcircled{1} \quad 2x &= 12 \\ x &= 6 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 4x &= 48 \\ x &= 12 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad 7x &= 84 \\ x &= 12 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 3x &= 24 \\ x &= 8 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad 4x &= 48 \\ x &= 12 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad 7x &= 70 \\ x &= 10 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad 7x &= 18 \\ x &= \frac{18}{7} \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad 5x &= 12 \\ x &= \frac{12}{5} \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad 3x &= 9 \\ x &= 3 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad 2x &= 2.4 \\ x &= 1.2 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad 2(x + 2) &= 36 \\ x + 2 &= 18 \\ x &= 16 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad 3(x + 2) &= 60 \\ x + 2 &= 20 \\ x &= 18 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad 9(x - 4) &= 90 \\ x - 4 &= 10 \\ x &= 14 \end{aligned}$$

