

分配法則の利用

年 組 名前

/14

■ 分配法則を利用して、次の計算をしなさい。

分配法則

$$\textcircled{1} \left(\frac{1}{4} + \frac{6}{7} \right) \times (-28) = \boxed{-7 - 24} = \boxed{}$$

$$\textcircled{2} (-30) \times \left(\frac{9}{10} + \frac{2}{5} \right) = \boxed{} = \boxed{}$$

$$\textcircled{3} \left(\frac{1}{4} - \frac{9}{10} \right) \times 40 = \boxed{} = \boxed{}$$

$$\textcircled{4} 15 \times \left(\frac{1}{5} - \frac{2}{3} \right) = \boxed{} = \boxed{}$$

$$\textcircled{5} \left(\frac{2}{7} - \frac{5}{21} \right) \times 21 = \boxed{} = \boxed{}$$

$$\textcircled{6} (-14) \times \left(\frac{4}{7} - \frac{1}{2} \right) = \boxed{} = \boxed{}$$

$$\textcircled{7} \left(\frac{3}{4} - \frac{1}{6} \right) \times 24 = \boxed{} = \boxed{}$$

$$\textcircled{8} 40 \times \left(\frac{4}{5} + \frac{7}{20} \right) = \boxed{} = \boxed{}$$

$$\textcircled{9} \left(\frac{2}{3} - \frac{4}{9} \right) \times (-9) = \boxed{} = \boxed{}$$

$$\textcircled{10} (-28) \times \left(\frac{1}{4} - \frac{1}{2} \right) = \boxed{} = \boxed{}$$

$$\textcircled{11} \left(\frac{1}{21} - \frac{3}{7} \right) \times 21 = \boxed{} = \boxed{}$$

$$\textcircled{12} 30 \times \left(\frac{1}{3} - \frac{3}{5} \right) = \boxed{} = \boxed{}$$

$$\textcircled{13} \left(\frac{5}{6} + \frac{1}{9} \right) \times (-36) = \boxed{} = \boxed{}$$

$$\textcircled{14} (-21) \times \left(\frac{1}{7} + \frac{2}{21} \right) = \boxed{} = \boxed{}$$

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分配法則

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|---|--|---|------------|---|-------|
| ① | $\left(\frac{1}{4} + \frac{6}{7}\right) \times (-28)$ | = | $-7 - 24$ | = | -31 |
| ② | $(-30) \times \left(\frac{9}{10} + \frac{2}{5}\right)$ | = | $-27 - 12$ | = | -39 |
| ③ | $\left(\frac{1}{4} - \frac{9}{10}\right) \times 40$ | = | $10 - 36$ | = | -26 |
| ④ | $15 \times \left(\frac{1}{5} - \frac{2}{3}\right)$ | = | $3 - 10$ | = | -7 |
| ⑤ | $\left(\frac{2}{7} - \frac{5}{21}\right) \times 21$ | = | $6 - 5$ | = | 1 |
| ⑥ | $(-14) \times \left(\frac{4}{7} - \frac{1}{2}\right)$ | = | $-8 + 7$ | = | -1 |
| ⑦ | $\left(\frac{3}{4} - \frac{1}{6}\right) \times 24$ | = | $18 - 4$ | = | 14 |
| ⑧ | $40 \times \left(\frac{4}{5} + \frac{7}{20}\right)$ | = | $32 + 14$ | = | 46 |
| ⑨ | $\left(\frac{2}{3} - \frac{4}{9}\right) \times (-9)$ | = | $-6 + 4$ | = | -2 |
| ⑩ | $(-28) \times \left(\frac{1}{4} - \frac{1}{2}\right)$ | = | $-7 + 14$ | = | 7 |
| ⑪ | $\left(\frac{1}{21} - \frac{3}{7}\right) \times 21$ | = | $1 - 9$ | = | -8 |
| ⑫ | $30 \times \left(\frac{1}{3} - \frac{3}{5}\right)$ | = | $10 - 18$ | = | -8 |
| ⑬ | $\left(\frac{5}{6} + \frac{1}{9}\right) \times (-36)$ | = | $-30 - 4$ | = | -34 |
| ⑭ | $(-21) \times \left(\frac{1}{7} + \frac{2}{21}\right)$ | = | $-3 - 2$ | = | -5 |