

1次式と数の乗法や除法

____年 ____組 名前

/ 21

■ 次の計算を下さい。

① $(-25y-35) \div \frac{5}{4}$

② $(20y-32) \times \left(-\frac{1}{4}\right)$

③ $(24n+30) \div (-6)$

④ $(-42c-7) \div \left(-\frac{7}{8}\right)$

⑤ $(-56x+21) \times \frac{6}{7}$

⑥ $\frac{-2a+5}{8} \times (-40)$

⑦ $\frac{7y-1}{5} \times 10$

⑧ $(6b+10) \times \frac{9}{2}$

⑨ $(45y+35) \times \left(-\frac{7}{5}\right)$

⑩ $\frac{9z-5}{3} \times (-15)$

⑪ $(-35a-10) \div \left(-\frac{5}{6}\right)$

⑫ $(-63m+14) \times \frac{3}{7}$

⑬ $\frac{-3a+2}{4} \times (-36)$

⑭ $(18z+2) \div \frac{2}{7}$

⑮ $(54n-45) \times \frac{7}{9}$

⑯ $(-16y-12) \div \frac{4}{7}$

⑰ $\frac{7b-6}{4} \times 12$

⑱ $\frac{-3t-7}{8} \times 8$

⑲ $(64a-56) \div \left(-\frac{8}{3}\right)$

⑳ $\frac{-7y-4}{3} \times (-6)$

㉑ $(-45b+20) \times \left(-\frac{9}{5}\right)$

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■ 次の計算を下さい。

$$\begin{aligned} \textcircled{1} \quad & (-25y-35) \div \frac{5}{4} \\ & = (-25y-35) \times \frac{4}{5} \\ & = (-5y-7) \times 4 \end{aligned}$$

$$-20y-28$$

$$\textcircled{2} \quad (20y-32) \times \left(-\frac{1}{4}\right)$$

$$-5y+8$$

$$\textcircled{3} \quad (24n+30) \div (-6)$$

$$-4n-5$$

$$\begin{aligned} \textcircled{4} \quad & (-42c-7) \div \left(-\frac{7}{8}\right) \\ & = (-42c-7) \times \left(-\frac{8}{7}\right) \\ & = (-6c-1) \times (-8) \end{aligned}$$

$$48c+8$$

$$\begin{aligned} \textcircled{5} \quad & (-56x+21) \times \frac{6}{7} \\ & = (-8x+3) \times 6 \end{aligned}$$

$$-48x+18$$

$$\begin{aligned} \textcircled{6} \quad & \frac{-2a+5}{8} \times (-40) \\ & = (-2a+5) \times (-5) \end{aligned}$$

$$10a-25$$

$$\begin{aligned} \textcircled{7} \quad & \frac{7y-1}{5} \times 10 \\ & = (7y-1) \times 2 \end{aligned}$$

$$14y-2$$

$$\begin{aligned} \textcircled{8} \quad & (6b+10) \times \frac{9}{2} \\ & = (3b+5) \times 9 \end{aligned}$$

$$27b+45$$

$$\begin{aligned} \textcircled{9} \quad & (45y+35) \times \left(-\frac{7}{5}\right) \\ & = (9y+7) \times (-7) \end{aligned}$$

$$-63y-49$$

$$\begin{aligned} \textcircled{10} \quad & \frac{9z-5}{3} \times (-15) \\ & = (9z-5) \times (-5) \end{aligned}$$

$$-45z+25$$

$$\begin{aligned} \textcircled{11} \quad & (-35a-10) \div \left(-\frac{5}{6}\right) \\ & = (-35a-10) \times \left(-\frac{6}{5}\right) \\ & = (-7a-2) \times (-6) \end{aligned}$$

$$42a+12$$

$$\begin{aligned} \textcircled{12} \quad & (-63m+14) \times \frac{3}{7} \\ & = (-9m+2) \times 3 \end{aligned}$$

$$-27m+6$$

$$\begin{aligned} \textcircled{13} \quad & \frac{-3a+2}{4} \times (-36) \\ & = (-3a+2) \times (-9) \end{aligned}$$

$$27a-18$$

$$\begin{aligned} \textcircled{14} \quad & (18z+2) \div \frac{2}{7} \\ & = (18z+2) \times \frac{7}{2} \\ & = (9z+1) \times 7 \end{aligned}$$

$$63z+7$$

$$\begin{aligned} \textcircled{15} \quad & (54n-45) \times \frac{7}{9} \\ & = (6n-5) \times 7 \end{aligned}$$

$$42n-35$$

$$\begin{aligned} \textcircled{16} \quad & (-16y-12) \div \frac{4}{7} \\ & = (-16y-12) \times \frac{7}{4} \\ & = (-4y-3) \times 7 \end{aligned}$$

$$-28y-21$$

$$\begin{aligned} \textcircled{17} \quad & \frac{7b-6}{4} \times 12 \\ & = (7b-6) \times 3 \end{aligned}$$

$$21b-18$$

$$\textcircled{18} \quad \frac{-3t-7}{8} \times 8$$

$$-3t-7$$

$$\begin{aligned} \textcircled{19} \quad & (64a-56) \div \left(-\frac{8}{3}\right) \\ & = (64a-56) \times \left(-\frac{3}{8}\right) \\ & = (8a-7) \times (-3) \end{aligned}$$

$$-24a+21$$

$$\begin{aligned} \textcircled{20} \quad & \frac{-7y-4}{3} \times (-6) \\ & = (-7y-4) \times (-2) \end{aligned}$$

$$14y+8$$

$$\begin{aligned} \textcircled{21} \quad & (-45b+20) \times \left(-\frac{9}{5}\right) \\ & = (-9b+4) \times (-9) \end{aligned}$$

$$81b-36$$