

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 $(-8y-12) \times \left(-\frac{3}{4}\right)$

② $\frac{b-3}{9} \times 18$

③ $\frac{4a-9}{8} \times (-40)$

④ $(64b+24) \div \frac{8}{7}$

⑤ $(20t+35) \times \left(-\frac{2}{5}\right)$

⑥ $(-15b+24) \div \left(-\frac{3}{8}\right)$

⑦ $(-49m-63) \div \frac{7}{9}$

⑧ $\frac{-7b+6}{2} \times 2$

⑨ $(-10b-25) \div \left(-\frac{5}{4}\right)$

⑩ $(35a-15) \times \left(-\frac{3}{5}\right)$

⑪ $(-12y+15) \div 3$

⑫ $(25x+30) \div \left(-\frac{5}{6}\right)$

⑬ $(-35x+63) \times \left(-\frac{6}{7}\right)$

⑭ $\frac{x+5}{4} \times 4$

⑮ $\frac{-7a-5}{4} \times 28$

⑯ $(56b-49) \times \frac{2}{7}$

⑰ $\frac{7y-2}{3} \times (-21)$

⑱ $\frac{3c+5}{3} \times 6$

⑲ $(-81y+9) \div \frac{9}{4}$

⑳ $(-28x-21) \times \frac{5}{7}$

㉑ $(-45x-10) \times \left(-\frac{9}{5}\right)$

1次式と数の乗法や除法

年 組 名前

/ 21

■ 次の計算をしなさい。

$$\begin{aligned} \textcircled{1} \quad & (-8y-12) \times \left(-\frac{3}{4}\right) \\ & = (-2y-3) \times (-3) \end{aligned}$$

$$6y+9$$

$$\begin{aligned} \textcircled{2} \quad & \frac{b-3}{9} \times 18 \\ & = (b-3) \times 2 \end{aligned}$$

$$2b-6$$

$$\begin{aligned} \textcircled{3} \quad & \frac{4a-9}{8} \times (-40) \\ & = (4a-9) \times (-5) \end{aligned}$$

$$-20a+45$$

$$\begin{aligned} \textcircled{4} \quad & (64b+24) \div \frac{8}{7} \\ & = (64b+24) \times \frac{7}{8} \\ & = (8b+3) \times 7 \end{aligned}$$

$$56b+21$$

$$\begin{aligned} \textcircled{5} \quad & (20t+35) \times \left(-\frac{2}{5}\right) \\ & = (4t+7) \times (-2) \end{aligned}$$

$$-8t-14$$

$$\begin{aligned} \textcircled{6} \quad & (-15b+24) \div \left(-\frac{3}{8}\right) \\ & = (-15b+24) \times \left(-\frac{8}{3}\right) \\ & = (-5b+8) \times (-8) \end{aligned}$$

$$40b-64$$

$$\begin{aligned} \textcircled{7} \quad & (-49m-63) \div \frac{7}{9} \\ & = (-49m-63) \times \frac{9}{7} \\ & = (-7m-9) \times 9 \end{aligned}$$

$$-63m-81$$

$$\textcircled{8} \quad \frac{-7b+6}{2} \times 2$$

$$-7b+6$$

$$\begin{aligned} \textcircled{9} \quad & (-10b-25) \div \left(-\frac{5}{4}\right) \\ & = (-10b-25) \times \left(-\frac{4}{5}\right) \\ & = (-2b-5) \times (-4) \end{aligned}$$

$$8b+20$$

$$\begin{aligned} \textcircled{10} \quad & (35a-15) \times \left(-\frac{3}{5}\right) \\ & = (7a-3) \times (-3) \end{aligned}$$

$$-21a+9$$

$$\textcircled{11} \quad (-12y+15) \div 3$$

$$-4y+5$$

$$\begin{aligned} \textcircled{12} \quad & (25x+30) \div \left(-\frac{5}{6}\right) \\ & = (25x+30) \times \left(-\frac{6}{5}\right) \\ & = (5x+6) \times (-6) \end{aligned}$$

$$-30x-36$$

$$\begin{aligned} \textcircled{13} \quad & (-35x+63) \times \left(-\frac{6}{7}\right) \\ & = (-5x+9) \times (-6) \end{aligned}$$

$$30x-54$$

$$\textcircled{14} \quad \frac{x+5}{4} \times 4$$

$$x+5$$

$$\begin{aligned} \textcircled{15} \quad & \frac{-7a-5}{4} \times 28 \\ & = (-7a-5) \times 7 \end{aligned}$$

$$-49a-35$$

$$\begin{aligned} \textcircled{16} \quad & (56b-49) \times \frac{2}{7} \\ & = (8b-7) \times 2 \end{aligned}$$

$$16b-14$$

$$\begin{aligned} \textcircled{17} \quad & \frac{7y-2}{3} \times (-21) \\ & = (7y-2) \times (-7) \end{aligned}$$

$$-49y+14$$

$$\begin{aligned} \textcircled{18} \quad & \frac{3c+5}{3} \times 6 \\ & = (3c+5) \times 2 \end{aligned}$$

$$6c+10$$

$$\begin{aligned} \textcircled{19} \quad & (-81y+9) \div \frac{9}{4} \\ & = (-81y+9) \times \frac{4}{9} \\ & = (-9y+1) \times 4 \end{aligned}$$

$$-36y+4$$

$$\begin{aligned} \textcircled{20} \quad & (-28x-21) \times \frac{5}{7} \\ & = (-4x-3) \times 5 \end{aligned}$$

$$-20x-15$$

$$\begin{aligned} \textcircled{21} \quad & (-45x-10) \times \left(-\frac{9}{5}\right) \\ & = (-9x-2) \times (-9) \end{aligned}$$

$$81x+18$$