

1次式と数の乗法や除法

____年 ____組 名前

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■ 次の計算をしなさい。

① $(-20t-25) \times \left(-\frac{3}{5}\right)$

② $\frac{5b+9}{6} \times 42$

③ $(-28a+8) \div \frac{4}{7}$

④ $\frac{-9x+7}{2} \times (-14)$

⑤ $\frac{6a-7}{5} \times 40$

⑥ $\frac{7m-4}{2} \times (-2)$

⑦ $(16x+14) \div \left(-\frac{2}{9}\right)$

⑧ $(-14b-35) \times \frac{8}{7}$

⑨ $\frac{3n+5}{6} \times (-6)$

⑩ $(49y-21) \times \left(-\frac{9}{7}\right)$

⑪ $(-4x+6) \div \left(-\frac{2}{3}\right)$

⑫ $(3b+15) \div \frac{3}{8}$

⑬ $(-36z-8) \times \frac{3}{4}$

⑭ $(20t-15) \div 5$

⑮ $(-25b-30) \div \left(-\frac{5}{2}\right)$

⑯ $(-3x+27) \times \frac{7}{3}$

⑰ $(72y+45) \times \frac{4}{9}$

⑱ $(81c-36) \times \frac{5}{9}$

⑲ $(30c+42) \div \left(-\frac{6}{5}\right)$

⑳ $\frac{3t-8}{5} \times (-35)$

㉑ $\frac{-7x+1}{5} \times (-20)$

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■ 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & (-20t-25) \times \left(-\frac{3}{5}\right) \\ & = (-4t-5) \times (-3) \end{aligned}$$

$$12t+15$$

$$\begin{aligned} \textcircled{2} \quad & \frac{5b+9}{6} \times 42 \\ & = (5b+9) \times 7 \end{aligned}$$

$$35b+63$$

$$\begin{aligned} \textcircled{3} \quad & (-28a+8) \div \frac{4}{7} \\ & = (-28a+8) \times \frac{7}{4} \\ & = (-7a+2) \times 7 \end{aligned}$$

$$-49a+14$$

$$\begin{aligned} \textcircled{4} \quad & \frac{-9x+7}{2} \times (-14) \\ & = (-9x+7) \times (-7) \end{aligned}$$

$$63x-49$$

$$\begin{aligned} \textcircled{5} \quad & \frac{6a-7}{5} \times 40 \\ & = (6a-7) \times 8 \end{aligned}$$

$$48a-56$$

$$\textcircled{6} \quad \frac{7m-4}{2} \times (-2)$$

$$-7m+4$$

$$\begin{aligned} \textcircled{7} \quad & (16x+14) \div \left(-\frac{2}{9}\right) \\ & = (16x+14) \times \left(-\frac{9}{2}\right) \\ & = (8x+7) \times (-9) \end{aligned}$$

$$-72x-63$$

$$\begin{aligned} \textcircled{8} \quad & (-14b-35) \times \frac{8}{7} \\ & = (-2b-5) \times 8 \end{aligned}$$

$$-16b-40$$

$$\textcircled{9} \quad \frac{3n+5}{6} \times (-6)$$

$$-3n-5$$

$$\begin{aligned} \textcircled{10} \quad & (49y-21) \times \left(-\frac{9}{7}\right) \\ & = (7y-3) \times (-9) \end{aligned}$$

$$-63y+27$$

$$\begin{aligned} \textcircled{11} \quad & (-4x+6) \div \left(-\frac{2}{3}\right) \\ & = (-4x+6) \times \left(-\frac{3}{2}\right) \\ & = (-2x+3) \times (-3) \end{aligned}$$

$$6x-9$$

$$\begin{aligned} \textcircled{12} \quad & (3b+15) \div \frac{3}{8} \\ & = (3b+15) \times \frac{8}{3} \\ & = (b+5) \times 8 \end{aligned}$$

$$8b+40$$

$$\begin{aligned} \textcircled{13} \quad & (-36z-8) \times \frac{3}{4} \\ & = (-9z-2) \times 3 \end{aligned}$$

$$-27z-6$$

$$\textcircled{14} \quad (20t-15) \div 5$$

$$4t-3$$

$$\begin{aligned} \textcircled{15} \quad & (-25b-30) \div \left(-\frac{5}{2}\right) \\ & = (-25b-30) \times \left(-\frac{2}{5}\right) \\ & = (-5b-6) \times (-2) \end{aligned}$$

$$10b+12$$

$$\begin{aligned} \textcircled{16} \quad & (-3x+27) \times \frac{7}{3} \\ & = (-x+9) \times 7 \end{aligned}$$

$$-7x+63$$

$$\begin{aligned} \textcircled{17} \quad & (72y+45) \times \frac{4}{9} \\ & = (8y+5) \times 4 \end{aligned}$$

$$32y+20$$

$$\begin{aligned} \textcircled{18} \quad & (81c-36) \times \frac{5}{9} \\ & = (9c-4) \times 5 \end{aligned}$$

$$45c-20$$

$$\begin{aligned} \textcircled{19} \quad & (30c+42) \div \left(-\frac{6}{5}\right) \\ & = (30c+42) \times \left(-\frac{5}{6}\right) \\ & = (5c+7) \times (-5) \end{aligned}$$

$$-25c-35$$

$$\begin{aligned} \textcircled{20} \quad & \frac{3t-8}{5} \times (-35) \\ & = (3t-8) \times (-7) \end{aligned}$$

$$-21t+56$$

$$\begin{aligned} \textcircled{21} \quad & \frac{-7x+1}{5} \times (-20) \\ & = (-7x+1) \times (-4) \end{aligned}$$

$$28x-4$$