

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 $\frac{7s+9}{3} \times (-12)$

② $(-24b+15) \div \left(-\frac{3}{8}\right)$

③ $(-15x+5) \times \frac{6}{5}$

④ $(-6z-3) \times \frac{2}{3}$

⑤ $(-18y-10) \times \left(-\frac{7}{2}\right)$

⑥ $\frac{7b-2}{7} \times 21$

⑦ $\frac{2b-9}{8} \times (-40)$

⑧ $(5x+20) \div \frac{5}{2}$

⑨ $\frac{-6b+5}{5} \times 45$

⑩ $(63n+45) \times \frac{7}{9}$

⑪ $(12x+27) \times \left(-\frac{5}{3}\right)$

⑫ $(-28c+16) \times \left(-\frac{7}{4}\right)$

⑬ $(-12x-16) \div \frac{4}{5}$

⑭ $(40b-32) \div 8$

⑮ $\frac{-2t-3}{7} \times (-35)$

⑯ $\frac{3a-8}{8} \times (-56)$

⑰ $(-6y-14) \div (-2)$

⑱ $(10a-4) \times \frac{9}{2}$

⑲ $(21b+18) \div (-3)$

⑳ $\frac{-8x+7}{4} \times 36$

㉑ $(35x-21) \div \left(-\frac{7}{6}\right)$

1次式と数の乗法や除法

年 組 名前

/ 21

■ 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \frac{7s+9}{3} \times (-12) \\ & = (7s+9) \times (-4) \end{aligned}$$

$$-28s-36$$

$$\begin{aligned} \textcircled{2} \quad & (-24b+15) \div \left(-\frac{3}{8}\right) \\ & = (-24b+15) \times \left(-\frac{8}{3}\right) \\ & = (-8b+5) \times (-8) \end{aligned}$$

$$64b-40$$

$$\begin{aligned} \textcircled{3} \quad & (-15x+5) \times \frac{6}{5} \\ & = (-3x+1) \times 6 \end{aligned}$$

$$-18x+6$$

$$\begin{aligned} \textcircled{4} \quad & (-6z-3) \times \frac{2}{3} \\ & = (-2z-1) \times 2 \end{aligned}$$

$$-4z-2$$

$$\begin{aligned} \textcircled{5} \quad & (-18y-10) \times \left(-\frac{7}{2}\right) \\ & = (-9y-5) \times (-7) \end{aligned}$$

$$63y+35$$

$$\begin{aligned} \textcircled{6} \quad & \frac{7b-2}{7} \times 21 \\ & = (7b-2) \times 3 \end{aligned}$$

$$21b-6$$

$$\begin{aligned} \textcircled{7} \quad & \frac{2b-9}{8} \times (-40) \\ & = (2b-9) \times (-5) \end{aligned}$$

$$-10b+45$$

$$\begin{aligned} \textcircled{8} \quad & (5x+20) \div \frac{5}{2} \\ & = (5x+20) \times \frac{2}{5} \\ & = (x+4) \times 2 \end{aligned}$$

$$2x+8$$

$$\begin{aligned} \textcircled{9} \quad & \frac{-6b+5}{5} \times 45 \\ & = (-6b+5) \times 9 \end{aligned}$$

$$-54b+45$$

$$\begin{aligned} \textcircled{10} \quad & (63n+45) \times \frac{7}{9} \\ & = (7n+5) \times 7 \end{aligned}$$

$$49n+35$$

$$\begin{aligned} \textcircled{11} \quad & (12x+27) \times \left(-\frac{5}{3}\right) \\ & = (4x+9) \times (-5) \end{aligned}$$

$$-20x-45$$

$$\begin{aligned} \textcircled{12} \quad & (-28c+16) \times \left(-\frac{7}{4}\right) \\ & = (-7c+4) \times (-7) \end{aligned}$$

$$49c-28$$

$$\begin{aligned} \textcircled{13} \quad & (-12x-16) \div \frac{4}{5} \\ & = (-12x-16) \times \frac{5}{4} \\ & = (-3x-4) \times 5 \end{aligned}$$

$$-15x-20$$

$$\textcircled{14} \quad (40b-32) \div 8$$

$$5b-4$$

$$\begin{aligned} \textcircled{15} \quad & \frac{-2t-3}{7} \times (-35) \\ & = (-2t-3) \times (-5) \end{aligned}$$

$$10t+15$$

$$\begin{aligned} \textcircled{16} \quad & \frac{3a-8}{8} \times (-56) \\ & = (3a-8) \times (-7) \end{aligned}$$

$$-21a+56$$

$$\textcircled{17} \quad (-6y-14) \div (-2)$$

$$3y+7$$

$$\begin{aligned} \textcircled{18} \quad & (10a-4) \times \frac{9}{2} \\ & = (5a-2) \times 9 \end{aligned}$$

$$45a-18$$

$$\textcircled{19} \quad (21b+18) \div (-3)$$

$$-7b-6$$

$$\begin{aligned} \textcircled{20} \quad & \frac{-8x+7}{4} \times 36 \\ & = (-8x+7) \times 9 \end{aligned}$$

$$-72x+63$$

$$\begin{aligned} \textcircled{21} \quad & (35x-21) \div \left(-\frac{7}{6}\right) \\ & = (35x-21) \times \left(-\frac{6}{7}\right) \\ & = (5x-3) \times (-6) \end{aligned}$$

$$-30x+18$$