

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 $\frac{a+8}{9} \times (-18)$

② $(-32a+20) \times \left(-\frac{7}{4}\right)$

③ $\frac{9s-2}{8} \times (-24)$

④ $(28t-36) \div \frac{4}{9}$

⑤ $(-40x+15) \div \frac{5}{7}$

⑥ $\frac{-2y-3}{5} \times 5$

⑦ $(-8y-6) \times \left(-\frac{3}{2}\right)$

⑧ $(9y+5) \div \frac{1}{8}$

⑨ $(-18x-45) \div \frac{9}{7}$

⑩ $(49a-21) \div \left(-\frac{7}{8}\right)$

⑪ $(-18a-3) \times \left(-\frac{4}{3}\right)$

⑫ $(6c+10) \times \left(-\frac{5}{2}\right)$

⑬ $\frac{5y+7}{4} \times 20$

⑭ $\frac{4b-9}{9} \times 9$

⑮ $(-40m+35) \times \frac{9}{5}$

⑯ $\frac{-5y+6}{5} \times (-15)$

⑰ $(-24m-42) \div \left(-\frac{6}{5}\right)$

⑱ $(12y-14) \times \left(-\frac{7}{2}\right)$

⑲ $(-8b+16) \div \frac{8}{5}$

⑳ $\frac{5x+4}{6} \times 42$

㉑ $(21a+6) \times \left(-\frac{7}{3}\right)$

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■ 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \frac{a+8}{9} \times (-18) \\ &= (a+8) \times (-2) \end{aligned}$$

$$-2a-16$$

$$\begin{aligned} \textcircled{2} \quad & (-32a+20) \times \left(-\frac{7}{4}\right) \\ &= (-8a+5) \times (-7) \end{aligned}$$

$$56a-35$$

$$\begin{aligned} \textcircled{3} \quad & \frac{9s-2}{8} \times (-24) \\ &= (9s-2) \times (-3) \end{aligned}$$

$$-27s+6$$

$$\begin{aligned} \textcircled{4} \quad & (28t-36) \div \frac{4}{9} \\ &= (28t-36) \times \frac{9}{4} \\ &= (7t-9) \times 9 \end{aligned}$$

$$63t-81$$

$$\begin{aligned} \textcircled{5} \quad & (-40x+15) \div \frac{5}{7} \\ &= (-40x+15) \times \frac{7}{5} \\ &= (-8x+3) \times 7 \end{aligned}$$

$$-56x+21$$

$$\textcircled{6} \quad \frac{-2y-3}{5} \times 5$$

$$-2y-3$$

$$\begin{aligned} \textcircled{7} \quad & (-8y-6) \times \left(-\frac{3}{2}\right) \\ &= (-4y-3) \times (-3) \end{aligned}$$

$$12y+9$$

$$\begin{aligned} \textcircled{8} \quad & (9y+5) \div \frac{1}{8} \\ &= (9y+5) \times 8 \end{aligned}$$

$$72y+40$$

$$\begin{aligned} \textcircled{9} \quad & (-18x-45) \div \frac{9}{7} \\ &= (-18x-45) \times \frac{7}{9} \\ &= (-2x-5) \times 7 \end{aligned}$$

$$-14x-35$$

$$\begin{aligned} \textcircled{10} \quad & (49a-21) \div \left(-\frac{7}{8}\right) \\ &= (49a-21) \times \left(-\frac{8}{7}\right) \\ &= (7a-3) \times (-8) \end{aligned}$$

$$-56a+24$$

$$\begin{aligned} \textcircled{11} \quad & (-18a-3) \times \left(-\frac{4}{3}\right) \\ &= (-6a-1) \times (-4) \end{aligned}$$

$$24a+4$$

$$\begin{aligned} \textcircled{12} \quad & (6c+10) \times \left(-\frac{5}{2}\right) \\ &= (3c+5) \times (-5) \end{aligned}$$

$$-15c-25$$

$$\begin{aligned} \textcircled{13} \quad & \frac{5y+7}{4} \times 20 \\ &= (5y+7) \times 5 \end{aligned}$$

$$25y+35$$

$$\textcircled{14} \quad \frac{4b-9}{9} \times 9$$

$$4b-9$$

$$\begin{aligned} \textcircled{15} \quad & (-40m+35) \times \frac{9}{5} \\ &= (-8m+7) \times 9 \end{aligned}$$

$$-72m+63$$

$$\begin{aligned} \textcircled{16} \quad & \frac{-5y+6}{5} \times (-15) \\ &= (-5y+6) \times (-3) \end{aligned}$$

$$15y-18$$

$$\begin{aligned} \textcircled{17} \quad & (-24m-42) \div \left(-\frac{6}{5}\right) \\ &= (-24m-42) \times \left(-\frac{5}{6}\right) \\ &= (-4m-7) \times (-5) \end{aligned}$$

$$20m+35$$

$$\begin{aligned} \textcircled{18} \quad & (12y-14) \times \left(-\frac{7}{2}\right) \\ &= (6y-7) \times (-7) \end{aligned}$$

$$-42y+49$$

$$\begin{aligned} \textcircled{19} \quad & (-8b+16) \div \frac{8}{5} \\ &= (-8b+16) \times \frac{5}{8} \\ &= (-b+2) \times 5 \end{aligned}$$

$$-5b+10$$

$$\begin{aligned} \textcircled{20} \quad & \frac{5x+4}{6} \times 42 \\ &= (5x+4) \times 7 \end{aligned}$$

$$35x+28$$

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

$$-49a-14$$