

1次式と数の乗法や除法

____年 ____組 名前

/ 21

■ 次の計算をなさい。

① $\frac{7b+9}{9} \times 45$

② $\frac{b-9}{9} \times (-36)$

③ $\frac{8z-3}{5} \times 15$

④ $(-21y-24) \times \left(-\frac{7}{3}\right)$

⑤ $(-45y-36) \times \frac{2}{9}$

⑥ $(-25t+15) \div \frac{5}{6}$

⑦ $(-14a+63) \div \left(-\frac{7}{4}\right)$

⑧ $\frac{5a+7}{7} \times (-14)$

⑨ $\frac{-6x-5}{7} \times 35$

⑩ $\frac{-7a+2}{4} \times (-20)$

⑪ $(3x+4) \div \left(-\frac{1}{5}\right)$

⑫ $\frac{-9x+4}{3} \times 24$

⑬ $(-72z-40) \div \left(-\frac{8}{7}\right)$

⑭ $(49y+42) \times \frac{1}{7}$

⑮ $(48x-8) \times \left(-\frac{5}{8}\right)$

⑯ $(20b-35) \times \frac{2}{5}$

⑰ $(-8t+5) \div \frac{1}{9}$

⑱ $(-63b-9) \div \left(-\frac{9}{7}\right)$

⑲ $(12m+30) \times \left(-\frac{7}{6}\right)$

⑳ $(14a-6) \times \frac{3}{2}$

㉑ $(6y+9) \div \frac{3}{4}$

1次式と数の乗法や除法

年 組 名前

/ 21

■ 次の計算をなさい。

$$\textcircled{1} \frac{7b+9}{9} \times 45$$

$$= (7b+9) \times 5$$

$$35b+45$$

$$\textcircled{2} \frac{b-9}{9} \times (-36)$$

$$= (b-9) \times (-4)$$

$$-4b+36$$

$$\textcircled{3} \frac{8z-3}{5} \times 15$$

$$= (8z-3) \times 3$$

$$24z-9$$

$$\textcircled{4} (-21y-24) \times \left(-\frac{7}{3}\right)$$

$$= (-7y-8) \times (-7)$$

$$49y+56$$

$$\textcircled{5} (-45y-36) \times \frac{2}{9}$$

$$= (-5y-4) \times 2$$

$$-10y-8$$

$$\textcircled{6} (-25t+15) \div \frac{5}{6}$$

$$= (-25t+15) \times \frac{6}{5}$$

$$= (-5t+3) \times 6$$

$$-30t+18$$

$$\textcircled{7} (-14a+63) \div \left(-\frac{7}{4}\right)$$

$$= (-14a+63) \times \left(-\frac{4}{7}\right)$$

$$= (-2a+9) \times (-4)$$

$$8a-36$$

$$\textcircled{8} \frac{5a+7}{7} \times (-14)$$

$$= (5a+7) \times (-2)$$

$$-10a-14$$

$$\textcircled{9} \frac{-6x-5}{7} \times 35$$

$$= (-6x-5) \times 5$$

$$-30x-25$$

$$\textcircled{10} \frac{-7a+2}{4} \times (-20)$$

$$= (-7a+2) \times (-5)$$

$$35a-10$$

$$\textcircled{11} (3x+4) \div \left(-\frac{1}{5}\right)$$

$$= (3x+4) \times (-5)$$

$$-15x-20$$

$$\textcircled{12} \frac{-9x+4}{3} \times 24$$

$$= (-9x+4) \times 8$$

$$-72x+32$$

$$\textcircled{13} (-72z-40) \div \left(-\frac{8}{7}\right)$$

$$= (-72z-40) \times \left(-\frac{7}{8}\right)$$

$$= (-9z-5) \times (-7)$$

$$63z+35$$

$$\textcircled{14} (49y+42) \times \frac{1}{7}$$

$$7y+6$$

$$\textcircled{15} (48x-8) \times \left(-\frac{5}{8}\right)$$

$$= (6x-1) \times (-5)$$

$$-30x+5$$

$$\textcircled{16} (20b-35) \times \frac{2}{5}$$

$$= (4b-7) \times 2$$

$$8b-14$$

$$\textcircled{17} (-8t+5) \div \frac{1}{9}$$

$$= (-8t+5) \times 9$$

$$-72t+45$$

$$\textcircled{18} (-63b-9) \div \left(-\frac{9}{7}\right)$$

$$= (-63b-9) \times \left(-\frac{7}{9}\right)$$

$$= (-7b-1) \times (-7)$$

$$49b+7$$

$$\textcircled{19} (12m+30) \times \left(-\frac{7}{6}\right)$$

$$= (2m+5) \times (-7)$$

$$-14m-35$$

$$\textcircled{20} (14a-6) \times \frac{3}{2}$$

$$= (7a-3) \times 3$$

$$21a-9$$

$$\textcircled{21} (6y+9) \div \frac{3}{4}$$

$$= (6y+9) \times \frac{4}{3}$$

$$= (2y+3) \times 4$$

$$8y+12$$