

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 $\frac{-5a+3}{4} \times 12$

② $(-16y+8) \times \left(-\frac{5}{8}\right)$

③ $(18b+42) \times \left(-\frac{7}{6}\right)$

④ $(12m+21) \div 3$

⑤ $(-20a-45) \div \left(-\frac{5}{7}\right)$

⑥ $\frac{8s-5}{7} \times 63$

⑦ $(2z-7) \times (-8)$

⑧ $\frac{-3c-2}{6} \times 6$

⑨ $\frac{-4y+3}{3} \times (-21)$

⑩ $\frac{7a-8}{2} \times 6$

⑪ $(63n-14) \times \left(-\frac{2}{7}\right)$

⑫ $(-12b+15) \div \frac{3}{5}$

⑬ $(10y+25) \div \frac{5}{2}$

⑭ $(-8c-24) \times \frac{3}{8}$

⑮ $(-30x-5) \div \left(-\frac{5}{4}\right)$

⑯ $(45b+54) \times \left(-\frac{4}{9}\right)$

⑰ $(-20y-28) \div \left(-\frac{4}{7}\right)$

⑱ $\frac{3t-8}{5} \times (-45)$

⑲ $\frac{9a+5}{2} \times 18$

⑳ $(42x+54) \times \left(-\frac{5}{6}\right)$

㉑ $(-49t+42) \div \frac{7}{8}$

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■ 次の計算をなさい。

$$\textcircled{1} \frac{-5a+3}{4} \times 12$$

$$= (-5a+3) \times 3$$

$$-15a+9$$

$$\textcircled{2} (-16y+8) \times \left(-\frac{5}{8}\right)$$

$$= (-2y+1) \times (-5)$$

$$10y-5$$

$$\textcircled{3} (18b+42) \times \left(-\frac{7}{6}\right)$$

$$= (3b+7) \times (-7)$$

$$-21b-49$$

$$\textcircled{4} (12m+21) \div 3$$

$$4m+7$$

$$\textcircled{5} (-20a-45) \div \left(-\frac{5}{7}\right)$$

$$= (-20a-45) \times \left(-\frac{7}{5}\right)$$

$$= (-4a-9) \times (-7)$$

$$28a+63$$

$$\textcircled{6} \frac{8s-5}{7} \times 63$$

$$= (8s-5) \times 9$$

$$72s-45$$

$$\textcircled{7} (2z-7) \times (-8)$$

$$-16z+56$$

$$\textcircled{8} \frac{-3c-2}{6} \times 6$$

$$-3c-2$$

$$\textcircled{9} \frac{-4y+3}{3} \times (-21)$$

$$= (-4y+3) \times (-7)$$

$$28y-21$$

$$\textcircled{10} \frac{7a-8}{2} \times 6$$

$$= (7a-8) \times 3$$

$$21a-24$$

$$\textcircled{11} (63n-14) \times \left(-\frac{2}{7}\right)$$

$$= (9n-2) \times (-2)$$

$$-18n+4$$

$$\textcircled{12} (-12b+15) \div \frac{3}{5}$$

$$= (-12b+15) \times \frac{5}{3}$$

$$= (-4b+5) \times 5$$

$$-20b+25$$

$$\textcircled{13} (10y+25) \div \frac{5}{2}$$

$$= (10y+25) \times \frac{2}{5}$$

$$= (2y+5) \times 2$$

$$4y+10$$

$$\textcircled{14} (-8c-24) \times \frac{3}{8}$$

$$= (-c-3) \times 3$$

$$-3c-9$$

$$\textcircled{15} (-30x-5) \div \left(-\frac{5}{4}\right)$$

$$= (-30x-5) \times \left(-\frac{4}{5}\right)$$

$$= (-6x-1) \times (-4)$$

$$24x+4$$

$$\textcircled{16} (45b+54) \times \left(-\frac{4}{9}\right)$$

$$= (5b+6) \times (-4)$$

$$-20b-24$$

$$\textcircled{17} (-20y-28) \div \left(-\frac{4}{7}\right)$$

$$= (-20y-28) \times \left(-\frac{7}{4}\right)$$

$$= (-5y-7) \times (-7)$$

$$35y+49$$

$$\textcircled{18} \frac{3t-8}{5} \times (-45)$$

$$= (3t-8) \times (-9)$$

$$-27t+72$$

$$\textcircled{19} \frac{9a+5}{2} \times 18$$

$$= (9a+5) \times 9$$

$$81a+45$$

$$\textcircled{20} (42x+54) \times \left(-\frac{5}{6}\right)$$

$$= (7x+9) \times (-5)$$

$$-35x-45$$

$$\textcircled{21} (-49t+42) \div \frac{7}{8}$$

$$= (-49t+42) \times \frac{8}{7}$$

$$= (-7t+6) \times 8$$

$$-56t+48$$