

1次式と数の乗法や除法

____年 ____組 名前

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■ 次の計算を下さい。

① $\frac{-8n-5}{5} \times 20$

② $(49x-42) \div \frac{7}{2}$

③ $(14y+63) \div \frac{7}{8}$

④ $\frac{b+4}{8} \times (-24)$

⑤ $(-30y-12) \div \left(-\frac{6}{5}\right)$

⑥ $(-5z+45) \times \frac{3}{5}$

⑦ $\frac{6b-5}{2} \times (-10)$

⑧ $\frac{-3b+2}{9} \times (-45)$

⑨ $(-48x+42) \div (-6)$

⑩ $(-18x+14) \times \frac{3}{2}$

⑪ $(20x+35) \times \left(-\frac{8}{5}\right)$

⑫ $\frac{-3b-4}{4} \times 28$

⑬ $(54a-30) \times \frac{7}{6}$

⑭ $\frac{-9y-4}{9} \times (-63)$

⑮ $(9x-63) \times \left(-\frac{4}{9}\right)$

⑯ $(28s+8) \div \frac{4}{3}$

⑰ $(63y-27) \times \frac{2}{9}$

⑱ $(-5c-4) \div \left(-\frac{1}{3}\right)$

⑲ $(40b-15) \times \left(-\frac{7}{5}\right)$

⑳ $(49x+35) \div \left(-\frac{7}{3}\right)$

㉑ $\frac{5m+3}{9} \times 9$

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■ 次の計算をなさい。

$$\textcircled{1} \frac{-8n-5}{5} \times 20$$

$$= (-8n-5) \times 4$$

$$-32n-20$$

$$\textcircled{2} (49x-42) \div \frac{7}{2}$$

$$= (49x-42) \times \frac{2}{7}$$

$$= (7x-6) \times 2$$

$$14x-12$$

$$\textcircled{3} (14y+63) \div \frac{7}{8}$$

$$= (14y+63) \times \frac{8}{7}$$

$$= (2y+9) \times 8$$

$$16y+72$$

$$\textcircled{4} \frac{b+4}{8} \times (-24)$$

$$= (b+4) \times (-3)$$

$$-3b-12$$

$$\textcircled{5} (-30y-12) \div \left(-\frac{6}{5}\right)$$

$$= (-30y-12) \times \left(-\frac{5}{6}\right)$$

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

$$25y+10$$

$$\textcircled{6} (-5z+45) \times \frac{3}{5}$$

$$= (-z+9) \times 3$$

$$-3z+27$$

$$\textcircled{7} \frac{6b-5}{2} \times (-10)$$

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

$$-30b+25$$

$$\textcircled{8} \frac{-3b+2}{9} \times (-45)$$

$$= (-3b+2) \times (-5)$$

$$15b-10$$

$$\textcircled{9} (-48x+42) \div (-6)$$

$$8x-7$$

$$\textcircled{10} (-18x+14) \times \frac{3}{2}$$

$$= (-9x+7) \times 3$$

$$-27x+21$$

$$\textcircled{11} (20x+35) \times \left(-\frac{8}{5}\right)$$

$$= (4x+7) \times (-8)$$

$$-32x-56$$

$$\textcircled{12} \frac{-3b-4}{4} \times 28$$

$$= (-3b-4) \times 7$$

$$-21b-28$$

$$\textcircled{13} (54a-30) \times \frac{7}{6}$$

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

$$63a-35$$

$$\textcircled{14} \frac{-9y-4}{9} \times (-63)$$

$$= (-y-\frac{4}{9}) \times (-63)$$

$$63y+28$$

$$\textcircled{15} (9x-63) \times \left(-\frac{4}{9}\right)$$

$$= (x-7) \times (-4)$$

$$-4x+28$$

$$\textcircled{16} (28s+8) \div \frac{4}{3}$$

$$= (28s+8) \times \frac{3}{4}$$

$$= (7s+2) \times 3$$

$$21s+6$$

$$\textcircled{17} (63y-27) \times \frac{2}{9}$$

$$= (7y-3) \times 2$$

$$14y-6$$

$$\textcircled{18} (-5c-4) \div \left(-\frac{1}{3}\right)$$

$$= (-5c-4) \times (-3)$$

$$15c+12$$

$$\textcircled{19} (40b-15) \times \left(-\frac{7}{5}\right)$$

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

$$-56b+21$$

$$\textcircled{20} (49x+35) \div \left(-\frac{7}{3}\right)$$

$$= (49x+35) \times \left(-\frac{3}{7}\right)$$

$$= (7x+5) \times (-3)$$

$$-21x-15$$

$$\textcircled{21} \frac{5m+3}{9} \times 9$$

$$5m+3$$