

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 $(-14b-35) \div (-7)$

② $(-32n+56) \times \left(-\frac{3}{8}\right)$

③ $\frac{4y+1}{5} \times (-15)$

④ $\frac{4n-9}{8} \times 8$

⑤ $\frac{2x+7}{8} \times 56$

⑥ $\frac{4x-5}{2} \times (-14)$

⑦ $(-36b-8) \div \frac{4}{9}$

⑧ $\frac{-9a+1}{5} \times 35$

⑨ $(24s+28) \div \frac{4}{7}$

⑩ $\frac{-3t-8}{5} \times 40$

⑪ $(-28b+21) \times \frac{3}{7}$

⑫ $(-10a+15) \times \left(-\frac{2}{5}\right)$

⑬ $(-49a-63) \div \left(-\frac{7}{9}\right)$

⑭ $(40x-25) \times \left(-\frac{9}{5}\right)$

⑮ $(42b+30) \times \left(-\frac{7}{6}\right)$

⑯ $(6a-2) \div \frac{2}{3}$

⑰ $(20y-12) \times \left(-\frac{3}{4}\right)$

⑱ $(-18t+10) \div \left(-\frac{2}{9}\right)$

⑲ $(-40z-35) \times \frac{6}{5}$

⑳ $(24z-20) \div \frac{4}{5}$

㉑ $\frac{-7y+3}{9} \times 9$

1次式と数の乗法や除法

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■ 次の計算をなさい。

① $(-14b-35) \div (-7)$

$2b+5$

② $(-32n+56) \times \left(-\frac{3}{8}\right)$
 $= (-4n+7) \times (-3)$

$12n-21$

③ $\frac{4y+1}{5} \times (-15)$
 $= (4y+1) \times (-3)$

$-12y-3$

④ $\frac{4n-9}{8} \times 8$

$4n-9$

⑤ $\frac{2x+7}{8} \times 56$
 $= (2x+7) \times 7$

$14x+49$

⑥ $\frac{4x-5}{2} \times (-14)$
 $= (4x-5) \times (-7)$

$-28x+35$

⑦ $(-36b-8) \div \frac{4}{9}$
 $= (-36b-8) \times \frac{9}{4}$
 $= (-9b-2) \times 9$

$-81b-18$

⑧ $\frac{-9a+1}{5} \times 35$
 $= (-9a+1) \times 7$

$-63a+7$

⑨ $(24s+28) \div \frac{4}{7}$
 $= (24s+28) \times \frac{7}{4}$
 $= (6s+7) \times 7$

$42s+49$

⑩ $\frac{-3t-8}{5} \times 40$
 $= (-3t-8) \times 8$

$-24t-64$

⑪ $(-28b+21) \times \frac{3}{7}$
 $= (-4b+3) \times 3$

$-12b+9$

⑫ $(-10a+15) \times \left(-\frac{2}{5}\right)$
 $= (-2a+3) \times (-2)$

$4a-6$

⑬ $(-49a-63) \div \left(-\frac{7}{9}\right)$
 $= (-49a-63) \times \left(-\frac{9}{7}\right)$
 $= (-7a-9) \times (-9)$

$63a+81$

⑭ $(40x-25) \times \left(-\frac{9}{5}\right)$
 $= (8x-5) \times (-9)$

$-72x+45$

⑮ $(42b+30) \times \left(-\frac{7}{6}\right)$
 $= (7b+5) \times (-7)$

$-49b-35$

⑯ $(6a-2) \div \frac{2}{3}$
 $= (6a-2) \times \frac{3}{2}$
 $= (3a-1) \times 3$

$9a-3$

⑰ $(20y-12) \times \left(-\frac{3}{4}\right)$
 $= (5y-3) \times (-3)$

$-15y+9$

⑱ $(-18t+10) \div \left(-\frac{2}{9}\right)$
 $= (-18t+10) \times \left(-\frac{9}{2}\right)$
 $= (-9t+5) \times (-9)$

$81t-45$

⑲ $(-40z-35) \times \frac{6}{5}$
 $= (-8z-7) \times 6$

$-48z-42$

⑳ $(24z-20) \div \frac{4}{5}$
 $= (24z-20) \times \frac{5}{4}$
 $= (6z-5) \times 5$

$30z-25$

㉑ $\frac{-7y+3}{9} \times 9$

$-7y+3$