

開始日 月 / 日	終了日 月 / 日	中2式の計算	間違えた数	NAME
		多項式÷数-①		

Aコース

① $(-15x+10y) \div (-5)$

=
= $3x-2y$

② $(12m-8n+4) \div 4$

=
= $3m-2n+1$

③ $(9a^2+3a-15) \div (-3)$

=
= $-3a^2-a+5$

④ $(2x-6y) \div (-4)$

=
= $-\frac{1}{2}x+\frac{3}{2}y$

⑤ $(-10x^2+8x-15) \div 20$

=
= $-\frac{1}{2}x^2+\frac{2}{5}x-\frac{3}{4}$

⑥ $(15m-6n-9) \div (-9)$

=
= $-\frac{5}{3}m+\frac{2}{3}n+1$

⑦ $(9a-6a) \div 3$

=
= $3a-2a$

⑧ $(-18x+42y) \div 6$

=
= $-3x+7y$

⑨ $(20x+15y) \div (-5)$

=
= $-4x-3y$

Bコース

① $(8x-4y) \div \frac{4}{5}$

= $10x-5y$

② $(-6m^2+3m-9) \div \frac{3}{4}$

=
= $-8m^2+4m-12$

③ $(5a-10b+15) \div (-\frac{5}{8})$

=
= $-8a+16b-24$

④ $(3a+7b) \div \frac{1}{2}$

=
= $6a+14b$

⑤ $(10x-26y) \div (-\frac{2}{3})$

=
= $-15x+39y$

⑥ $(9x-21y+15) \div \frac{3}{5}$

=
= $15x-35y+25$

Cコース

① $\frac{1}{5}(x+y)+\frac{2}{5}(x-2y)$

= $\frac{1}{5}x+\frac{1}{5}y+\frac{2}{5}x-\frac{4}{5}y$
= $\frac{3}{5}x-\frac{3}{5}y$

② $\frac{1}{4}(a-b)-\frac{3}{4}(3a-7b)$

= $\frac{1}{4}a-\frac{1}{4}b-\frac{9}{4}a+\frac{21}{4}b$
= $-2a+5b$

③ $\frac{1}{2}(a-3b)-\frac{1}{4}(5a-b)$

= $\frac{1}{2}a-\frac{3}{2}b-\frac{5}{4}a+\frac{1}{4}b$
= $-\frac{3}{4}a-\frac{5}{4}b$

④ $\frac{1}{3}(x-2y)+\frac{1}{6}(x-4y)$

= $\frac{1}{3}x-\frac{2}{3}y+\frac{1}{6}x-\frac{2}{3}y$
= $\frac{1}{2}x-\frac{4}{3}y$

⑤ $\frac{1}{3}(2x-9y)+\frac{2}{5}(-x-15y)$

= $\frac{2}{3}x-3y-\frac{2}{5}x-6y$
= $\frac{4}{15}x-9y$

⑥ $\frac{1}{6}(7x-3y)-\frac{1}{4}(5x-6y)$

= $\frac{7}{6}x-\frac{1}{2}y-\frac{5}{4}x+\frac{3}{2}y$
= $-\frac{1}{12}x+y$