

開始日 月 / 日	終了日 月 / 日	中2式の計算	間違えた数	NAME
		同類項の計算①A		

Aコース

① $2x - 3y + 5x + 8y$

$= 7x + 5y$

② $x^2 + 3x - 5x + 2x^2$

$= 3x^2 - 2x$

③ $5x - 4y + 3x + 5y$

$= 8x + y$

④ $-3x + 5y - x - 6y$

$= -4x - y$

⑤ $-x + 4y - 8x + 5y$

$= -9x + 9y$

⑥ $4xy - x + 5xy + 2x$

$= 9xy + x$

⑦ $5a + 4ab - 3a - 4ab$

$= 2a$

⑧ $2x^2 - 5x + 3x^2 - 4x$

$= 5x^2 - 9x$

⑨ $-ab + a^2 + 2ab - 5a^2$

$= ab - 4a^2$

⑩ $2x^2y + 3xy^2 - 4xy^2 - x^2y$

$= x^2y - xy^2$

⑪ $x^2 + x - 12x - 4x^2$

$= -3x^2 - 11x$

11問

Bコース

① $3a + b - 0.4a - 0.7b$

$= 2.6a + 0.3b$

② $6x + 0.5y - 1.3x - 2y$

$= 4.7x - 1.5y$

③ $-m + 0.7n + 0.1m - 0.4m$

$= -1.3m + 0.7n$

④ $-0.6ab + a - ab - 0.2a$

$= -1.6ab + 0.8a$

⑤ $-x - 3xy - 0.8x + 1.2xy$

$= -1.8x - 1.8xy$

⑥ $3a + 0.4a^2 - 0.9a + 2a^2$

$= 2.1a + 2.4a^2$

⑦ $-m - 0.5m^2 - 0.6m + 2.3m^2$

$= -1.6m + 1.8m^2$

⑧ $y^2 - 0.7xy - 2xy + 3.1y^2$

$= 4.1y^2 - 2.7xy$

⑨ $-x + y - 0.2y - 0.2x$

$= -1.2x + 0.8y$

⑩ $a^2 - 0.4a - 2.1a^2 + 0.4a$

$= -1.1a^2$

⑪ $-3x^2y + xy^2 + 0.1xy^2 - 0.1x^2y$

$= -3.1x^2y + 1.1xy^2$

11問

Cコース

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

$= (\frac{3}{6} - \frac{4}{6})x + (\frac{5}{15} + \frac{9}{15})y$

$= -\frac{1}{6}x + \frac{14}{15}y$

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

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

$= \frac{7}{4}x^2 - \frac{5}{2}x$

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

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

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

④ $\frac{2}{3}a - \frac{1}{4}b + \frac{5}{6}a + \frac{1}{2}b$

$= (\frac{4}{6} + \frac{5}{6})a + (-\frac{1}{4} + \frac{2}{4})b$

$= \frac{9}{6}a + \frac{1}{4}b = \frac{3}{2}a + \frac{1}{4}b$

⑤ $-y^2 + \frac{3}{5}y - 2y + \frac{2}{3}y^2$

$= (-\frac{3}{3} + \frac{2}{3})y^2 + (\frac{3}{5} - \frac{10}{5})y$

$= -\frac{1}{3}y^2 - \frac{7}{5}y$

⑥ $3a + \frac{5}{6}a^2 - \frac{3}{4}a - a^2$

$= (\frac{5}{6} - \frac{6}{6})a^2 + (\frac{12}{4} - \frac{3}{4})a$

$= -\frac{1}{6}a^2 + \frac{9}{4}a$

6問