

開始日 月 / 日	終了日 月 / 日	中2式の計算	間違えた数	NAME
		単項式の乗法-①		

Aコース

Bコース

Cコース

Dコース

① $3a \times (-7b)$
= $-21ab$

② $(-2m) \times (-9n)$
= $18mn$

③ $(-5a) \times 3bc$
= $-15abc$

④ $\frac{3}{4}x \times 6y$
= $\frac{9}{2}xy$

⑤ $-a \times (-8b)$
= $8ab$

⑥ $(-7x) \times (-4y)$
= $28xy$

⑦ $(-9a) \times 8b$
= $-72ab$

⑧ $\frac{5}{8}x \times 12y$
= $\frac{15}{2}xy$

⑨ $\frac{8}{3}ab \times (-\frac{15}{16}c)$
= $-\frac{5}{2}abc$

⑩ $-\frac{8}{10}x \times \frac{5}{9}yz$
= $-\frac{1}{3}xyz$

⑪ $\frac{21}{20}m \times (-\frac{25}{14}n)$
= $-\frac{15}{8}mn$

⑫ $-\frac{8}{16}a \times (-\frac{20}{24}bc)$
= $\frac{5}{12}abc$

① $2a^2 \times (-a^2)$
= $-2a^4$

② $a \times 5ab^2$
= $5a^2b^2$

③ $-x^2y \times 3xy$
= $-3x^3y^2$

④ $-ab \times 6abc$
= $-6a^2b^2c$

⑤ $-6x^2y \times 3x^2y$
= $-18x^4y^2$

⑥ $-7abc^3 \times 6b^2c$
= $-42ab^3c^4$

⑦ $(-4mn^2) \times 9m^2n$
= $-36m^3n^3$

⑧ $\frac{5}{6}xy^2 \times 8x^3y$
= $\frac{20}{3}x^4y^3$

⑨ $\frac{3}{4}a^2b \times (-\frac{8}{15}a^3b^3)$
= $-\frac{2}{5}a^5b^4$

⑩ $-\frac{4}{7}x^2y \times \frac{35}{12}y^2z$
= $-\frac{5}{3}x^2y^3z$

⑪ $\frac{1}{6}m^2n \times (-\frac{3}{5}m^2n^3)$
= $-\frac{1}{10}m^4n^4$

⑫ $-\frac{3}{10}a^2b \times \frac{5}{24}ab^2$
= $-\frac{1}{16}a^3b^3$

① $(-3a)^3$
= $-27a^3$

② $(-a)^3$
= $-a^3$

③ $(-2xy)^3$
= $-8x^3y^3$

④ $(-x^2y)^2$
= x^4y^2

⑤ $(-mn^3)^2$
= m^2n^6

⑥ $(+a^2b^3)^2$
= a^4b^6

⑦ $(-3x^2y)^3$
= $(-3x^2y) \times (-3x^2y) \times (-3x^2y)$
= $-27x^6y^3$

⑧ $(\frac{1}{4}mn^2)^2$
= $\frac{1}{16}m^2n^4$

⑨ $(-\frac{4}{5}a^2b^3)^2$
= $+\frac{16}{25}a^4b^6$

① $3a^2 \times (-2b)^2$
= $3a^2 \times 4b^2$
= $12a^2b^2$

② $4x^2y \times (-2x)^3$
= $4x^2y \times (-8x^3)$
= $-32x^5y$

③ $-m^2 \times (2mn)^2$
= $-m^2 \times 4m^2n^2$
= $-4m^4n^2$

④ $(-x^2y)^2 \times (-3xy^2)$
= $x^4y^2 \times (-3xy^2)$
= $-3x^5y^4$

⑤ $4a^2b \times (-2b^2)^2$
= $4a^2b \times 4b^4$
= $16a^2b^5$

⑥ $(-3x^2)^2 \times (-2y^2)$
= $9x^4 \times (-2y^2)$
= $-18x^4y^2$

⑦ $(-4x^2y)^2 \times (-xy^3)$
= $16x^4y^2 \times (-xy^3)$
= $-16x^5y^5$

⑧ $(\frac{x^2y}{3})^2 \times y^3$
= $\frac{x^4y^2}{9} \times y^3$
= $\frac{x^4y^5}{9}$

⑨ $\frac{1}{3}m^2 \times (-\frac{2}{5}mn^2)^2$
= $\frac{1}{3}m^2 \times (-\frac{2}{5}mn^2) \times (-\frac{2}{5}mn^2)$
= $\frac{4}{75}m^4n^4$