Aコース

① $-15xy \div 5xy \times (-2x)$

=

=

= $6x$

② $8mn \div (-3m) \div 6mn$

=

=

= $-\dfrac{4}{9m}$

③ $15x^2y^3 \div 5xy^4 \times (3x)^2$

=

=

= $\dfrac{27x^3}{y}$

④ $16a^3b^2 \div (3a)^2 \div (-2b)^2$

=

=

= $\dfrac{4a}{9}$

⑤ $6mn^3 \div \dfrac{2}{3}m^2n \times (-2m)^2$

=

= $36mn^2$

Bコース

① $24a^5b^3 \div (-3a^2b) \div 10ab$

=

=

= $-\dfrac{4a^2b}{5}$

② $18ab \times (-2ab) \div 9ab$

=

=

= $-4ab$

③ $-9m^2n^5 \div (-6mn^4) \div 3m^2n$

=

=

= $\dfrac{1}{2m}$

④ $-2x^3y \times (-12xy) \div (-8xy^3)$

=

=

= $-\dfrac{3x^3}{y}$

⑤ $-2xy \times (-3y)^3 \div (6x)^2$

=

=

= $\dfrac{3y^4}{2x}$

Cコース

① $\dfrac{9}{10}m^3n \times 2n \div 3m^2$

=

=

= $\dfrac{3mn^2}{5}$

② $-\dfrac{2}{3}ab^3 \times 3a \div \dfrac{1}{6}b^4$

=

=

= $-\dfrac{12a^2}{b}$

③ $-\dfrac{8}{15}x^3y^4 \div (-2x)^2 \div \dfrac{2}{5}y^2$

=

=

= $-\dfrac{xy^2}{3}$

④ $10a^2x \div \left(-\dfrac{5}{8}ax\right) \times (-a)^2$

=

=

= $-16a^3$

⑤ $6x^2y^3 \div (2x)^2 \div \left(-\dfrac{3}{4}xy\right)$

=

=

= $-\dfrac{2y^2}{x}$