

式の計算 単項式乗除 3 式 II 1

年 組 番・氏名

$$\textcircled{1} \quad 28a^2b \div (-7ab) \times 5b$$

$$= -\frac{28a^2b \times 5b}{7ab}$$

$$= -20ab$$

$$\textcircled{2} \quad 12a \times (-3b^2) \div (-6ab)$$

$$= \frac{12a \times 3b^2}{6ab}$$

$$= 6b$$

$$\textcircled{3} \quad -48x^2 \div 8x \div (-2x)$$

$$= \frac{48x^2}{8x \times 2x}$$

$$= 3$$

$$\textcircled{4} \quad -32x^2y \div 4y \times 3x$$

$$= -\frac{32x^2y \times 3x}{4y}$$

$$= -24x^3$$

$$\textcircled{5} \quad 18xy^2 \div 3xy \times (-5y)$$

$$= -\frac{18xy^2 \times 5y}{3xy}$$

$$= -30y^2$$

$$\textcircled{6} \quad -24a^2b \div 2a \div 5b$$

$$= -\frac{24a^2b}{2a \times 5b}$$

$$= -\frac{12}{5}a$$

$$\textcircled{7} \quad -6xy^2 \times 9xy \div 3x^2$$

$$= -\frac{6xy^2 \times 9xy}{3x^2}$$

$$= -18y^3$$

$$\textcircled{8} \quad (6a)^2 \div 9a \times 3a$$

$$= \frac{36a^2 \times 3a}{9a}$$

$$= 12a^2$$

$$\textcircled{9} \quad 54xy \div 6y \times (-4xy)$$

$$= -\frac{54xy \times 4xy}{6y}$$

$$= -36x^2y$$

$$\textcircled{10} \quad -48xy \div 8x \times (-7xy)$$

$$= \frac{48xy \times 7xy}{8x}$$

$$= 42xy^2$$

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式の計算 単項式乗除 3 式 II 2

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$$\textcircled{1} \quad 28xy^2 \div 4xy \times (-7y)$$

$$= -\frac{28xy^2 \times 7y}{4xy}$$

$$= -49y^2$$

$$\textcircled{2} \quad -30xy \div 6x \times 2xy$$

$$= -\frac{30xy \times 2xy}{6x}$$

$$= -10xy^2$$

$$\textcircled{3} \quad -6xy^2 \times 4xy \div (-3x^2)$$

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

$$= 8y^3$$

$$\textcircled{4} \quad 64x^2 \div (-4x) \div 2x$$

$$= -\frac{64x^2}{4x \times 2x}$$

$$= -8$$

$$\textcircled{5} \quad -63x^2y \div (-7y) \times 5x$$

$$= \frac{63x^2y \times 5x}{7y}$$

$$= 45x^3$$

$$\textcircled{6} \quad -45a^2b \div (-9ab) \times 4b$$

$$= \frac{45a^2b \times 4b}{9ab}$$

$$= 20ab$$

$$\textcircled{7} \quad -42xy \div 6y \times (-3xy)$$

$$= \frac{42xy \times 3xy}{6y}$$

$$= 21x^2y$$

$$\textcircled{8} \quad 12a \times (-6b^2) \div 9ab$$

$$= -\frac{12a \times 6b^2}{9ab}$$

$$= -8b$$

$$\textcircled{9} \quad -20a^2b \div 4a \div 3b$$

$$= -\frac{20a^2b}{4a \times 3b}$$

$$= -\frac{5}{3}a$$

$$\textcircled{10} \quad (4a)^2 \div 8a \times (-5a)$$

$$= -\frac{16a^2 \times 5a}{8a}$$

$$= -10a^2$$

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