

掛け算・割り算 0104-2

1. 次の計算をなさい。

(1) $y^2 \times y^3$

(2) $b^2 \times b$

(3) $a^3 \times a^3$

(4) $a^4 \times a^2$

(5) $c^3 \times c^3$

(6) $m^3 \times m^4$

(7) $a^2 \times (-4a)$

(8) $(-4m^2) \times 3m^3$

(9) $(-2y^2) \times (-y^4)$

(10) $(-4a^2) \times (-4a^3)$

(11) $4y^2 \times 3y^2$

(12) $(-2y^3) \times 3y$

(13) $m^2 \times m^2 \times m^4$

(14) $x^4 \times x^4 \times x^3$

(15) $z^2 \times z^2 \times z^4$

(16) $y \times y^3 \times y$

(17) $(-4a^2) \times 2a^3 \times (-3a^4)$

(18) $2x^4 \times (-2x) \times 2x$

(19) $3m^2 \times 2m^4 \times 4m$

(20) $(-2a^2) \times 2a^3 \times (-3a)$

2. 次の計算をしなさい。

(1) $x^5 \div x^2$

(2) $z^7 \div z^4$

(3) $n^4 \div n$

(4) $m^7 \div m^3$

(5) $c^6 \div c^2$

(6) $z^6 \div z^2$

(7) $a^4 \div (-a)$

(8) $6x^4 \div 2x^3$

(9) $6n^4 \div (-2n^3)$

(10) $(-a^7) \div (-a^4)$

(11) $(-16x^4) \div (-4x^3)$

(12) $(-4m^4) \div (-2m)$

(13) $c^3 \div c \div c^2$

(14) $n^9 \div n^4 \div n$

(15) $b^7 \div b^2 \div b^3$

(16) $b^4 \div b^2 \div b$

(17) $12z^9 \div (-4z^2) \div (-z^3)$

(18) $(-12y^6) \div 2y^3 \div (-2y^3)$

(19) $3c^6 \div (-3c^4) \div c^2$

(20) $6c^6 \div 3c^3 \div c^2$

3. 次の計算をしなさい。

$$(1) \frac{4}{3}c^4 \times \left(-\frac{5}{2}c^4\right)$$

$$(2) \frac{5}{2}m \times 6m^4$$

$$(3) 3n \times \left(-\frac{5}{6}n^4\right)$$

$$(4) \left(-\frac{7}{4}c^5\right) \div \frac{1}{6}c^2$$

$$(5) \frac{5}{6}n^8 \div \left(-\frac{3}{2}n^4\right)$$

$$(6) \frac{5}{6}n^6 \div \frac{4}{3}n^4$$

$$(7) m^3 \times m^3 \div m^3$$

$$(8) x^3 \times x^2 \div x^3$$

$$(9) y \times y^2 \div y$$

$$(10) x^3 \div x^2 \times x^3$$

$$(11) z^3 \div z^3 \times z^4$$

$$(12) n \div n \times n$$

$$(13) (-2c^3) \times (-8c^4) \div (-4c^7)$$

$$(14) (-8n^4) \times 4n \div (-4n)$$

$$(15) (-9m) \times (-3m^2) \div (-3m)$$

$$(16) y^4 \times 4y^4 \div (-4y^4)$$

$$(17) 9y \div (-3y) \times 4y$$

$$(18) (-8a^2) \div (-4a) \times 4a^2$$

$$(19) (-2a) \div (-2a) \times (-8a)$$

$$(20) 3m^2 \div (-m) \times 3m^3$$

4. 次の計算をなさい。

$$(1) 2n^3 \times \left(-\frac{1}{6}n\right)$$

$$(2) \frac{5}{6}b^2 \times \left(-\frac{3}{5}b^4\right)$$

$$(3) \frac{2}{3}b^2 \times \left(-\frac{3}{4}b^2\right)$$

$$(4) (-6c) \times \frac{2}{3}c^2$$

$$(5) (-2c^2) \times \left(-\frac{7}{4}c^4\right)$$

$$(6) \frac{3}{2}b^5 \div \left(-\frac{5}{6}b^2\right)$$

$$(7) \frac{1}{6}b^5 \div \frac{5}{3}b^3$$

$$(8) \frac{1}{6}m^5 \div \frac{2}{3}m^2$$

$$(9) \frac{5}{3}y^6 \div \frac{1}{6}y^2$$

$$(10) \left(-\frac{5}{6}a^7\right) \div \frac{4}{3}a^4$$

$$(11) m \times m^4 \times m^4$$

$$(12) c \times c^4 \times c^4$$

$$(13) y^{10} \div y^4 \div y^4$$

$$(14) y^4 \div y^2 \times y^4$$

$$(15) 3x \times (-16x^2) \div 4x^3$$

$$(16) 4a \div (-2a) \times (-a)$$

$$(17) (-3b) \times (-2b^2) \times (-3b^3)$$

$$(18) 4x^4 \div (-2x) \times (-8x^4)$$

$$(19) (-2z^3) \div z^2 \times 4z^3$$

$$(20) 4b^3 \div (-3b) \times (-12b^4)$$

掛け算・割り算 0104-2

1. 次の計算をなさい。

$$(1) y^2 \times y^3$$
$$\mathbf{y^5}$$

$$(2) b^2 \times b$$
$$\mathbf{b^3}$$

$$(3) a^3 \times a^3$$
$$\mathbf{a^6}$$

$$(4) a^4 \times a^2$$
$$\mathbf{a^6}$$

$$(5) c^3 \times c^3$$
$$\mathbf{c^6}$$

$$(6) m^3 \times m^4$$
$$\mathbf{m^7}$$

$$(7) a^2 \times (-4a)$$
$$\mathbf{-4a^3}$$

$$(8) (-4m^2) \times 3m^3$$
$$\mathbf{-12m^5}$$

$$(9) (-2y^2) \times (-y^4)$$
$$\mathbf{2y^6}$$

$$(10) (-4a^2) \times (-4a^3)$$
$$\mathbf{16a^5}$$

$$(11) 4y^2 \times 3y^2$$
$$\mathbf{12y^4}$$

$$(12) (-2y^3) \times 3y$$
$$\mathbf{-6y^4}$$

$$(13) m^2 \times m^2 \times m^4$$
$$\mathbf{m^8}$$

$$(14) x^4 \times x^4 \times x^3$$
$$\mathbf{x^{11}}$$

$$(15) z^2 \times z^2 \times z^4$$
$$\mathbf{z^8}$$

$$(16) y \times y^3 \times y$$
$$\mathbf{y^5}$$

$$(17) (-4a^2) \times 2a^3 \times (-3a^4)$$
$$\mathbf{24a^9}$$

$$(18) 2x^4 \times (-2x) \times 2x$$
$$\mathbf{-8x^6}$$

$$(19) 3m^2 \times 2m^4 \times 4m$$
$$\mathbf{24m^7}$$

$$(20) (-2a^2) \times 2a^3 \times (-3a)$$
$$\mathbf{12a^6}$$

2. 次の計算をしなさい。

$$(1) x^5 \div x^2 \\ \mathbf{x^3}$$

$$(2) z^7 \div z^4 \\ \mathbf{z^3}$$

$$(3) n^4 \div n \\ \mathbf{n^3}$$

$$(4) m^7 \div m^3 \\ \mathbf{m^4}$$

$$(5) c^6 \div c^2 \\ \mathbf{c^4}$$

$$(6) z^6 \div z^2 \\ \mathbf{z^4}$$

$$(7) a^4 \div (-a) \\ \mathbf{-a^3}$$

$$(8) 6x^4 \div 2x^3 \\ \mathbf{3x}$$

$$(9) 6n^4 \div (-2n^3) \\ \mathbf{-3n}$$

$$(10) (-a^7) \div (-a^4) \\ \mathbf{a^3}$$

$$(11) (-16x^4) \div (-4x^3) \\ \mathbf{4x}$$

$$(12) (-4m^4) \div (-2m) \\ \mathbf{2m^3}$$

$$(13) c^3 \div c \div c^2 \\ \mathbf{1}$$

$$(14) n^9 \div n^4 \div n \\ \mathbf{n^4}$$

$$(15) b^7 \div b^2 \div b^3 \\ \mathbf{b^2}$$

$$(16) b^4 \div b^2 \div b \\ \mathbf{b}$$

$$(17) 12z^9 \div (-4z^2) \div (-z^3) \\ \mathbf{3z^4}$$

$$(18) (-12y^6) \div 2y^3 \div (-2y^3) \\ \mathbf{3}$$

$$(19) 3c^6 \div (-3c^4) \div c^2 \\ \mathbf{-1}$$

$$(20) 6c^6 \div 3c^3 \div c^2 \\ \mathbf{2c}$$

3. 次の計算をしなさい。

$$(1) \frac{4}{3}c^4 \times \left(-\frac{5}{2}c^4\right) \\ -\frac{10}{3}c^8$$

$$(2) \frac{5}{2}m \times 6m^4 \\ 15m^5$$

$$(3) 3n \times \left(-\frac{5}{6}n^4\right) \\ -\frac{5}{2}n^5$$

$$(4) \left(-\frac{7}{4}c^5\right) \div \frac{1}{6}c^2 \\ -\frac{21}{2}c^3$$

$$(5) \frac{5}{6}n^8 \div \left(-\frac{3}{2}n^4\right) \\ -\frac{5}{9}n^4$$

$$(6) \frac{5}{6}n^6 \div \frac{4}{3}n^4 \\ \frac{5}{8}n^2$$

$$(7) m^3 \times m^3 \div m^3 \\ m^3$$

$$(8) x^3 \times x^2 \div x^3 \\ x^2$$

$$(9) y \times y^2 \div y \\ y^2$$

$$(10) x^3 \div x^2 \times x^3 \\ x^4$$

$$(11) z^3 \div z^3 \times z^4 \\ z^4$$

$$(12) n \div n \times n \\ n$$

$$(13) (-2c^3) \times (-8c^4) \div (-4c^7) \\ -4$$

$$(14) (-8n^4) \times 4n \div (-4n) \\ 8n^4$$

$$(15) (-9m) \times (-3m^2) \div (-3m) \\ -9m^2$$

$$(16) y^4 \times 4y^4 \div (-4y^4) \\ -y^4$$

$$(17) 9y \div (-3y) \times 4y \\ -12y$$

$$(18) (-8a^2) \div (-4a) \times 4a^2 \\ 8a^3$$

$$(19) (-2a) \div (-2a) \times (-8a) \\ -8a$$

$$(20) 3m^2 \div (-m) \times 3m^3 \\ -9m^4$$

4. 次の計算をしなさい。

$$(1) 2n^3 \times \left(-\frac{1}{6}n\right) \\ -\frac{1}{3}n^4$$

$$(2) \frac{5}{6}b^2 \times \left(-\frac{3}{5}b^4\right) \\ -\frac{1}{2}b^6$$

$$(3) \frac{2}{3}b^2 \times \left(-\frac{3}{4}b^2\right) \\ -\frac{1}{2}b^4$$

$$(4) (-6c) \times \frac{2}{3}c^2 \\ -4c^3$$

$$(5) (-2c^2) \times \left(-\frac{7}{4}c^4\right) \\ \frac{7}{2}c^6$$

$$(6) \frac{3}{2}b^5 \div \left(-\frac{5}{6}b^2\right) \\ -\frac{9}{5}b^3$$

$$(7) \frac{1}{6}b^5 \div \frac{5}{3}b^3 \\ \frac{1}{10}b^2$$

$$(8) \frac{1}{6}m^5 \div \frac{2}{3}m^2 \\ \frac{1}{4}m^3$$

$$(9) \frac{5}{3}y^6 \div \frac{1}{6}y^2 \\ 10y^4$$

$$(10) \left(-\frac{5}{6}a^7\right) \div \frac{4}{3}a^4 \\ -\frac{5}{8}a^3$$

$$(11) m \times m^4 \times m^4 \\ m^9$$

$$(12) c \times c^4 \times c^4 \\ c^9$$

$$(13) y^{10} \div y^4 \div y^4 \\ y^2$$

$$(14) y^4 \div y^2 \times y^4 \\ y^6$$

$$(15) 3x \times (-16x^2) \div 4x^3 \\ -12$$

$$(16) 4a \div (-2a) \times (-a) \\ 2a$$

$$(17) (-3b) \times (-2b^2) \times (-3b^3) \\ -18b^6$$

$$(18) 4x^4 \div (-2x) \times (-8x^4) \\ 16x^7$$

$$(19) (-2z^3) \div z^2 \times 4z^3 \\ -8z^4$$

$$(20) 4b^3 \div (-3b) \times (-12b^4) \\ 16b^6$$