

中3数学	式の展開	氏名
基礎練習		

問 次の式を展開せよ。

(1) $(3x+2y) \times 2x$

.....

(2) $(a-3b) \times 4b$

.....

(3) $(4a-5b) \times (-6ab)$

.....

(4) $2a(4a+5b)$

(5) $-3a(a+6b)$

(6) $-4xy(x-8y)$

(7) $12x\left(\frac{1}{6}x - \frac{1}{3}y\right)$

.....

(8) $\frac{1}{2}a(4a-16b)$

.....

(9) $-\frac{2}{3}xy(9x-12y)$

.....

(10) $(a^2-2a) \div a$

.....

(11) $(12x^2-6xy) \div (-3x)$

.....

(12) $(-16a^2b+4ab) \div 4ab$

.....

(13) $(a^2-ab) \div \frac{1}{2}a$

.....

(14) $(x^2y+xy^2) \div \frac{1}{3}xy$

.....

(15) $(8x^2-4xy) \div \left(-\frac{2}{3}x\right)$

.....



【解答】

(1) $6x^2 + 4xy$

(2) $4ab - 12b^2$

(3) $-24a^2b + 30ab^2$

(4) $8a^2 + 10ab$

(5) $-3a^2 - 18ab$

(6) $-4x^2y + 32xy^2$

(7) $2x^2 - 4xy$

(8) $2a^2 - 8ab$

(9) $-6x^2y + 8xy^2$

(10) $a - 2$

(11) $-4x + 2y$

(12) $-4a + 1$

(13) $2a - 2b$

(14) $3x + 3y$

(15) $-12x + 6y$

