

多項式と数との乗法,除法.2

名前

解答

解答

問 次の計算をせよ。

(1) $(2a + 2b) \times 2$

答え $4a + 4b$

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

答え $20a + 5b + 10$

(3) $3(x - y + 3)$

答え $3x - 3y + 9$

(4) $10(2x - 2y - 2)$

答え $20x - 20y - 20$

(5) $\left(\frac{1}{9}x^4 + \frac{1}{3}x^2\right) \times 18$

答え $2x^4 + 6x^2$

(6) $\left(\frac{1}{4}x + \frac{3}{8}y + 2\right) \times 16$

答え $4x + 6y + 32$

(7) $(10x + 20y) \times \frac{1}{5}$

答え $2x + 4y$

(8) $(8a - 6b) \div 3$

答え $\frac{8}{3}a - 2b$

(9) $(3a - 6b + 9) \div 3$

答え $a - 2b + 3$

(10) $\left(\frac{1}{9}a + \frac{1}{3}b\right) \div \frac{1}{9}$

答え $a + 3b$

(11) $\left(\frac{3}{4}x + \frac{1}{8}y + 2\right) \div \frac{1}{16}$

答え $12x + 2y + 32$

(12) $\left(\frac{1}{5}a + \frac{1}{6}b + 4\right) \div 5$

答え $\frac{1}{25}a + \frac{1}{30}b + \frac{4}{5}$

