

数学テスト No.4 こたえ

式の計算

日付： _____

点数： _____

次の計算をなさい。

$$1. (5a^2 + 7ab + 1) - (a^2 - 3ab) = 4a^2 + 10ab + 1$$

$$2. \frac{1}{3}a - 2b + 7b + \frac{1}{6}a = \frac{1}{2}a + 5b$$

$$3. -8\left(-\frac{1}{2}a + \frac{3}{4}b\right) = 4a - 6b$$

$$4. (6x - 12y + 6) \div 6 = x - 2y + 1$$

$$5. (2x^2 - 7xy) - (x^2 - 8xy) = x^2 + xy$$

$$6. (10x - 15y + 5) \times \frac{2}{5} = 4x - 6y + 2$$

$$7. \frac{3}{2}(8x - 2y) = 12x - 3y$$

$$8. (4ab + 6a) \div \left(-\frac{2}{5}\right) = -10ab - 15a$$

$$9. -2(5m + n - 7) = -10m - 2n + 14$$

$$10. \frac{2x-5}{6} + \frac{3x-y}{4} = \frac{13x-13y}{12}$$

$$11. 4x + y - \frac{x+2y}{3} = \frac{11x+y}{3}$$

$$12. (-8xy) \times (-5y^2) = 40xy^3$$

$$13. 5(2a^2 - 3a) - 4(3a^2 + 7a) = -2a^2 - 43a$$

$$14. (-9ab) \div \frac{3}{5}a^3b = -\frac{15}{a^3}$$

$$15. a^2 \times 2b \div ab = 2a$$

$$16. 6x \div 2xy \times 3xy^2 = 9xy$$

$$17. (-3x)^2 \div (-2x) \times 6x = -27x^2$$

$$18. \frac{5a+3b}{8} - \frac{2a+7b}{4} = \frac{a-11b}{8}$$

$$19. \frac{1}{2}(4x+6y) + \frac{2}{3}(6x-9y) = 6x-3y$$

$$20. (-3a)^3 \times \frac{2}{3}a = -18a^4$$