

数学テスト No.1

単項式の乗法と除法

日付： _____

点数： _____

1. $(-5y)^2 \times 2 = 50y^2$

2. $xy^2 \div \frac{1}{2}xy = 2y$

3. $-\frac{5}{18}xy^2 \div \frac{10}{27}xy = -\frac{3}{4}y$

4. $-4ab^4 \times 7a \div (-14b) = 2a^2b^3$

5. $(-24x^2y) \div 6x \div (-2y) = 2x$

6. $(-a^4) \div (-a) \div \frac{a^2}{2} = 2a$

7. $a^2b \div \frac{1}{3}ab = 3a$

8. $-8x^2 \div 2x = -4x$

9. $\frac{7}{12}a^4 \div \frac{21}{4}a = \frac{a^3}{9}$

$$10. (3x)^2 = 9x^2$$

$$11. \frac{1}{3}x \times \frac{2}{5}x = \frac{2}{25}x^2$$

$$12. 3a \times (-2b) = -6ab$$

$$13. x^2y \times y \div \frac{1}{3}xy^2 = 3x$$

$$14. -12ab \div 3a \times \frac{1}{4}b = -b^2$$

$$15. a^4 \times a = a^5$$

$$16. (-8x) \times (-2x) = 16x^2$$

$$17. -\frac{2}{3}a^2b \div \frac{4}{9}a = -\frac{3}{2}ab$$

$$18. -4xy \div (-2x) = 2y$$

$$19. \frac{1}{2}x \times (2x)^2 = 2x^3$$

$$20. (-x^2) \times 4x = -4x^3$$