

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

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