

# 5th Grade Math Assessment

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

## Section 1: Addition and Subtraction

1. Calculate the following:

2. a)  $12.45 + 7.89 =$  \_\_\_\_\_

b)  $45.67 - 18.23 =$  \_\_\_\_\_

c)  $9876 + 5432 =$  \_\_\_\_\_

d)  $10000 - 6789 =$  \_\_\_\_\_

3. **Solve the word problem:** A store sells a notebook for \$8.75 and a pencil case for \$3.40. If you buy 1 notebook and 1 pencil case, what is the total cost?

**Answer:** \_\_\_\_\_

## Section 2: Multiplication and Division

3. Calculate the following: a)  $7.25 \times 2 =$  \_\_\_\_\_

b)  $144 \div 12 =$  \_\_\_\_\_

c)  $58 \times 17 =$  \_\_\_\_\_

d)  $560 \div 8 =$  \_\_\_\_\_

4. **Solve the word problem:** A recipe requires 2.75 cups of sugar. If you want to make 4 batches of cookies, how many cups of sugar are needed in total?

**Answer:** \_\_\_\_\_

## Section 3: Fractions

5. Circle the expressions with result greater than 8

$$8 \div \frac{4}{5}$$

$$8 \div \frac{5}{4}$$

$$8 \div \frac{10}{9}$$

$$8 \div \frac{3}{8}$$

$$8 \div 1$$

$$8 \div \frac{1}{2}$$

6. How many  $\frac{1}{4}$  cups of flours are needed to equal  $2\frac{3}{4}$  cups ?

7. 24 is what fraction of 20

#### **Section 4: Geometry**

**8. Answer the following:**

a) What is the volume of a rectangular prism with length 4 cm, width 3 cm, and height 5 cm?

**Answer:** \_\_\_\_\_

b) Calculate the area of a trapezoid with bases of 8 cm and 12 cm, and a height of 5 cm.

**Answer:** \_\_\_\_\_

#### **Section 5: Mixed Operations**

**9. Calculate the following:**

a)  $35.65 - (18.65 + 4.15) =$

b)  $9 + 99 + 999 + 9999 =$

c)  $5000 \div 8 \div 125$

**10. Solve the word problem:** Jane has \$200. She spends \$45.75 on a book, \$78.60 on a pair of shoes, and \$12.40 on snacks. How much money does she have left?

**Answer:** \_\_\_\_\_