

Grade 5 Mathematics Worksheet

Fun Fact!

Did you know that the number 4 is the only number with the same number of letters as its value?



Section 1: Basic Multiplication

Instructions: Solve the following multiplication problems.

1. $7 \times 8 =$ _____

2. $9 \times 6 =$ _____

3. $5 \times 12 =$ _____

4. $4 \times 11 =$ _____

5. $8 \times 7 =$ _____

6. $3 \times 9 =$ _____

Section 2: Basic Division

Instructions: Solve the following division problems.

1. $64 \div 8 =$ _____

2. $72 \div 9 =$ _____

3. $81 \div 9 =$ _____

4. $45 \div 5 =$ _____

5. $56 \div 7 =$ _____

6. $63 \div 7 =$ _____

Section 3: Fractions

A fraction is a way to show a part of a whole. It has two numbers:

- The top number is called the numerator. It tells how many parts you have.
- The bottom number is called the denominator. It tells how many equal parts the whole is divided into.

For example, in the fraction $\frac{3}{4}$:

- The numerator is 3, which means you have 3 parts.
- The denominator is 4, which means the whole is divided into 4 equal parts.

So, $\frac{3}{4}$ means you have 3 out of 4 equal parts of something.

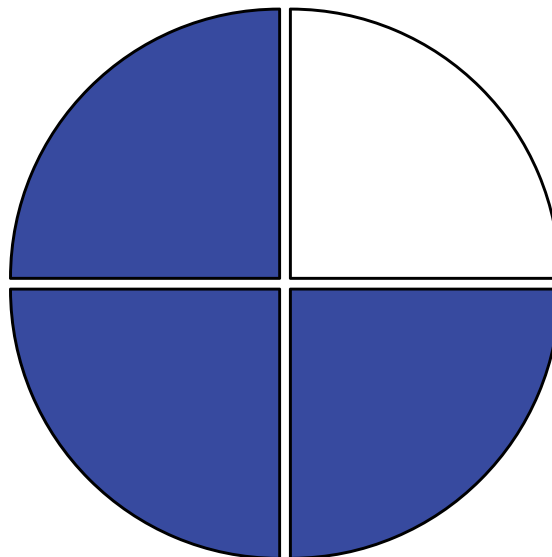


Instructions: Answer the questions about fractions.

1. Shade in $\frac{3}{4}$ of the rectangle below:



2. What fraction of the circle is shaded?



3. Write the fraction for the shaded part of the shape:

- 3 out of 5 parts are shaded: _____
- 4 out of 6 parts are shaded: _____

4. What is $\frac{1}{2}$ of 14? _____

5. What is $\frac{1}{4}$ of 20? _____

Section 4: Word Problems

Instructions: Read the problem carefully and solve it. Show your working.

1. There are 36 students in a class. The teacher wants to divide them into groups of 6. How many groups will there be?

2. A baker has 48 cupcakes and wants to put them into boxes. Each box can hold 8 cupcakes. How many boxes does the baker need?

3. If a pizza is cut into 10 equal slices and you eat 4 slices, what fraction of the pizza did you eat?

4. Sara has 20 apples. She gives $\frac{1}{5}$ of them to her friend. How many apples does she give to her friend?

Top Tip for Word Problems! 

Remember UPS!

- **Understand:** Read the problem carefully and underline the important parts.
- **Plan:** Think about what you need to do to solve the problem. What operation will you use? (Addition, subtraction, multiplication, or division?)
- **Solve:** Do the math step by step and write down your answer.

Example:

U: Sarah has 10 apples and buys 5 more. How many apples does she have now?

P: I need to add the apples Sarah has with the apples she buys.

S: $10 + 5 = 15$. Sarah has 15 apples now!

Using UPS makes word problems easy and fun to solve!



Section 5: Geometry

Instructions: Answer the questions about shapes.

1. How many sides does a hexagon have? _____
2. How many sides does an octagon have? _____
3. Draw a triangle and label its sides

My triangle

4. What is the name of a shape with eight sides? _____

5. Draw a rectangle and label its length and width.

My rectangle

