

Expressing the Fraction 3/4

The fraction $\frac{3}{4}$ represents a part of a whole. In this case, it means that out of 4 equal parts, 3 of those parts are being considered. Here's how to express $\frac{3}{4}$ in different forms:

1. As a Decimal

To convert a fraction to a decimal, you divide the numerator (the top number) by the denominator (the bottom number). For $\frac{3}{4}$:

$$3 \div 4 = 0.75$$

So, $\frac{3}{4}$ can be expressed as **0.75** in decimal form.

2. As a Percentage

To convert a decimal to a percentage, you multiply the decimal by 100. Continuing from the previous step:

$$0.75 \times 100 = 75\%$$

Thus, $\frac{3}{4}$ can also be expressed as **75%**.

3. Visual Representation

To visualize $\frac{3}{4}$, you can draw a circle or a square and divide it into 4 equal parts. Shade in 3 of those parts. This gives a clear picture of what $\frac{3}{4}$ looks like as a portion of a whole.

4. In Words

You can also express $\frac{3}{4}$ verbally as **three-quarters** or **three-fourths**.

Summary

$\frac{3}{4}$ can be expressed in several ways: as a decimal it is 0.75, as a percentage it is 75%, and it can be visually represented or expressed in words as three-quarters. Understanding these different forms can help you apply the fraction in various mathematical contexts.