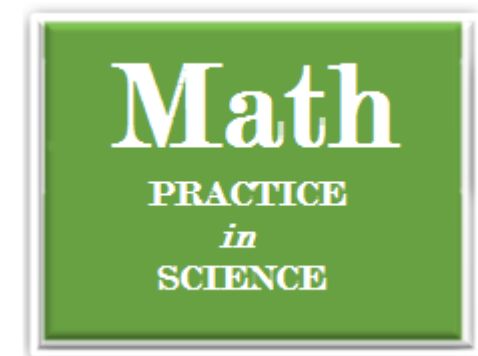


024 Math Practice

Introduction to Fractions



A fraction is a number that is less than 1. These numbers are fractions.

$$\frac{1}{2}$$

$$\frac{3}{4}$$

$$\frac{5}{8}$$

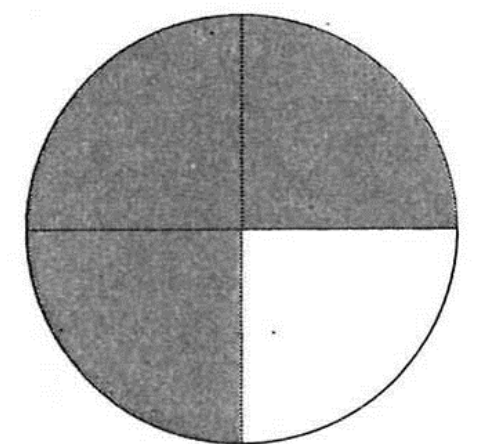
$$\frac{15}{63}$$

A fraction is part of a whole. There are two parts to a fraction: the numerator and the denominator. The *denominator* tells how many parts the whole is divided into. The *numerator* names a certain number of those parts. The numerator is the number above the fraction line. The denominator is the number below the fraction line.

Numerators: $\frac{1}{2}$ $\frac{3}{4}$ $\frac{5}{8}$ $\frac{15}{63}$
Denominators:

Example: $\frac{1}{2}$ means 1 part.
 $\frac{1}{2}$ means the whole is divided into 2 parts.

Because a fraction is actually part of a whole, it is easy to picture it. Think of a pizza and one hungry student. When the pizza arrived, it was cut into 4 equal pieces. But now, only 3 pieces are left. The 4 is the denominator, or bottom number. It says that the whole pizza was cut into 4 parts. The 3 is the numerator, or top number. It says that there are 3 parts left. Therefore, the fraction that describes what we see here is $\frac{3}{4}$ of a pizza.

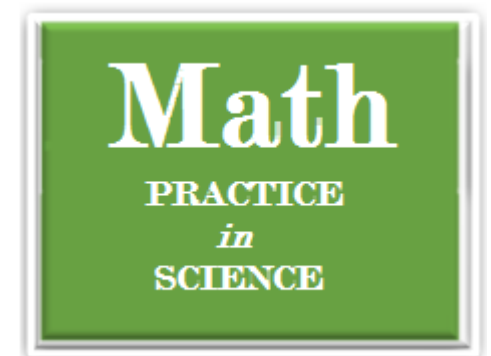


Write fractions for the following:

- 6 cars; 3 are blue _____
- 10 CDs; 3 are rap music _____
- 12 pieces of fruit; 2 are bananas _____
- 13 people; 2 are women _____
- 10 boys; 3 play soccer _____
- 9 books; 1 is a paperback _____
- 7 cats; 5 are black _____
- 40 athletes; 10 are swimmers _____

025 Math Practice

Understanding Fractions

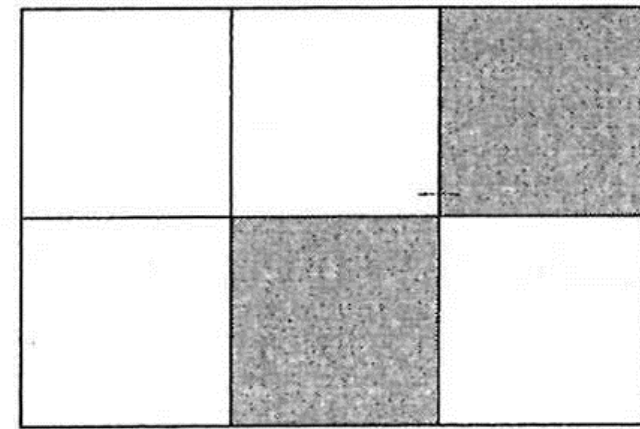


You can understand fractions by looking at other kinds of figures.

Look at this figure.

To determine the fraction that this figure represents, follow these steps:

- Count the total number of blocks.
This number is the denominator.
Here the total is 6 blocks.



- Count the total number of shaded blocks.
This number is the numerator.
Here the total is 2 shaded blocks.

Therefore, the fraction that represents this figure is $\frac{2}{6}$.

Write the fraction that represents each of these figures.

