Name: **Grade:** **Score:**

Worksheet #1

Fractions Word Problems

Learning Goal: Students will be able to get an understanding of an introduction level word problems on fractions.

In an urn of 12 marbles, one third are pink marbles, and the rest are green. Find the fraction of green marbles.

Out of 50 books, three-tenths are fiction. Find the fraction of non-fiction books.

A jar has 60 candies. One-thirds chocolate-flavored and the rest are milky bars. Find the fraction of milky bars.

In a school of 200 students, two fifths are in Grade 6. Find the fraction of students not in Grade 6.

SCRIBBLE SPACE

SCRIBBLE SPACE

A team of 40 players has $\frac{5}{8}$ as football players. Find the fraction of non-football players.

Out of 60 houses in a neighborhood, $\frac{2}{3}$ are occupied. Find the fraction of vacant houses.

A company has 500 employees. $\frac{2}{5}$ are women. Find the fraction of men.

A school has 200 students. Out of them, 120 are boys, 60 are girls, 10 are new admissions, and 5 are absent today. Find the fraction of students who are present today.

Name: **Grade:** **Score:**

Worksheet #1 (Answers)

Fractions Word Problems

Learning Goal: Students will be able to get an understanding of an introduction level word problems on fractions.

In an urn of 12 marbles, one third are pink marbles, and the rest are green. Find the fraction of green marbles.

Solution: Pink marbles = $\frac{1}{3}$

Green marbles = $\frac{2}{3}$

Out of 50 books, three-tenths are fiction. Find the fraction of non-fiction books.

Solution: Fictional books = $\frac{3}{10}$

Non-fictional books = $\frac{7}{10}$

A jar has 60 candies. One-thirds chocolate-flavored and the rest are milky bars. Find the fraction of milky bars.

Solution:

Chocolates = $\frac{1}{3}$

Milky bars= $\frac{2}{3}$

In a school of 200 students, two fifths are in Grade 6. Find the fraction of students not in Grade 6.

Solution:

Grade-6 students = $\frac{2}{5}$

Other grades= $\frac{3}{5}$

SCRIBBLE SPACE

SCRIBBLE SPACE

A team of 40 players has $\frac{5}{8}$ as football players. Find the fraction of non-football players.

Solution:
Football players= $\frac{5}{8}$
Non-football players= $\frac{3}{8}$

Out of 60 houses in a neighborhood, $\frac{2}{3}$ are occupied. Find the fraction of vacant houses.

Solution:
Football players= $\frac{2}{3}$
Non-football players= $\frac{1}{3}$

A company has 500 employees. $\frac{2}{5}$ are women. Find the fraction of men.

Solution:
Women = $\frac{2}{5}$
Men= $\frac{3}{5}$

A school has 200 students. Out of them, 120 are boys, 60 are girls, 10 are new admissions, and 5 are absent today. Find the fraction of students who are present today.

Solution:
Total students = 200
Absent students = 5
Present students = 200 - 5 = 195
Fraction of students present = $\frac{195}{200} = \frac{39}{40}$