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

Worksheet #3

Fractions Word Problems

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

Question: In a bag, there are 4 red balls, 5 blue balls, and 7 yellow balls. Find the fraction of yellow balls.

A box has 10 green marbles, 15 red marbles, and 5 black marbles. Find the fraction of black marbles.

A toy store has 25 teddy bears, 30 dolls, and 45 toy cars. Find the fraction of toy cars.

A basket contains 12 mangoes, 18 bananas, and 30 apples. Find the fraction of apples.

A farmer has 40 cows, 25 goats, and 15 sheep. Find the fraction of sheep.

A box has 8 red markers, 12 blue markers, and 20 green markers. Find the fraction of green markers.

A library has 100 fiction books, 150 non-fiction books, and 50 reference books. Find the fraction of reference books.

A parking lot has 60 vehicles. one-third of them are motorcycles, one-fourth are cars, and the rest are buses. Find the fraction of buses.

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

Worksheet #3 (Answers)

Fractions Word Problems

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

Question: In a bag, there are 4 red balls, 5 blue balls, and 7 yellow balls. Find the fraction of yellow balls.

Solution:
Total balls = 4+5+7=16
Fraction of yellow balls = $\frac{7}{16}$

A box has 10 green marbles, 15 red marbles, and 5 black marbles. Find the fraction of black marbles.

Solution:
Total marbles= 10+15+5=30
Fraction of black marbles = $\frac{5}{30} = \frac{1}{6}$

A toy store has 25 teddy bears, 30 dolls, and 45 toy cars. Find the fraction of toy cars.

Solution:
Total toys = 100
Fraction of toy cars = $\frac{45}{100} = \frac{9}{20}$

A basket contains 12 mangoes, 18 bananas, and 30 apples. Find the fraction of apples.

Solution:
Total fruits = 60
Fraction of apples= $\frac{30}{60} = \frac{1}{2}$

SCRIBBLE SPACE

SCRIBBLE SPACE

A farmer has 40 cows, 25 goats, and 15 sheep. Find the fraction of sheep.

Solution:

Total animals = 40+25+15=80

Fraction of Sheeps = $\frac{15}{80} = \frac{3}{16}$

A box has 8 red markers, 12 blue markers, and 20 green markers. Find the fraction of green markers.

Solution:

Total markers = 8+12+20=40

Fraction of green markers = $\frac{20}{40} = \frac{1}{2}$

A library has 100 fiction books, 150 non-fiction books, and 50 reference books. Find the fraction of reference books.

Solution:

Total markers = 100+150+50=300

Fraction of reference books= $\frac{50}{300} = \frac{1}{6}$

A parking lot has 60 vehicles. one-third of them are motorcycles, one-fourth are cars, and the rest are buses. Find the fraction of buses.

Solution:

Motorcycles = $\frac{1}{3} \times 60 = 20$

Cars = $\frac{1}{4} \times 60 = 15$

Buses = 60-(20+15)=25

Fraction of buses = $\frac{25}{60}$