

1076 NADI SANGAM SCHOOL

YEAR 7

MATH

WORKSHEET 2

Solve these problems.

**1. There are 30 children in Year 702 at Nadi Sangam School.**

- 60% are girls.
- 80% cannot swim.
- 30% come to school by bus.
- 67% play soccer.

- a) How many girls are in this class?
- b) How many children can swim?
- c) How many children come to school by bus?
- d) How many children play soccer ?

**2. Highest Common Factors:**

**i)** Find the HCF of 6 and 8.

- a) List the factors of 6.
- b) List the factors of 8.
- c) List the common factors.
- d) What is the HCF?

**ii)** Find the HCF of 15 and 20.

- a) List the factors of 15.
- b) List the factors of 20.
- c) List the common factors.
- d) What is the HCF?

**3. Two step equation word problems:**

- a) The sum of three consecutive numbers is 198. What is the smallest of the three numbers?
- b) Ratish had \$179 to spend on 11 books. After buying them he had \$3. How much did each book cost ?
- c) Karishma bought a bottle of juice for \$3.50 and 5 packets of potato chips. She spent a total of \$12.25. How much did each packet of potato chips cost?