Name: _____

1. On a camp there are 60 people. One night they cook pizzas for dinner and want to cook enough so that each person can eat one-quarter of a pizza.
How many pizzas will they need to cook?

2. A certain paint colour consists of three-quarters white, one-tenth blue and the remainder yellow.
(a) What fraction of the paint is yellow?

(b) If 20 litres of the paint are to be mixed, how many litres of each colour are needed?

White [   ]   Blue [   ]   Yellow [   ]

3. The following amounts of seeds are mixed together to make a bird seed.

$3\frac{1}{2}$ kg of sunflower seeds

$4\frac{3}{4}$ kg of wheat

$2\frac{1}{4}$ kg of wattle seed

$1\frac{3}{4}$ kg of corn

(a) What would the total amount of birdseed weigh?

(b) The mixed birdseed is divided into 7 bags. What would each bag weigh?

4. There were 900 students in a school.
One-fifth of these were in year 8.
Three-quarters of the year 8 students went on a camp.
One-third of the students on camp went canoeing.
How many students went canoeing?

5. A shop ordered a crate containing 250 bottles of olive oil.
Each bottle weighed $2\frac{1}{2}$ kg.
What was the total weight of the bottles in the crate?

6. Joel ran laps of an oval for 30 minutes.
Each lap took him three-quarters of a minute.
How many laps did he run?

7. The population of seals in a colony was increasing by one-tenth every year. (The population at the end a year was one-tenth more than it was at the start of the year.)
The population at the start of a year was 2000.
How many seals would there be three years later?