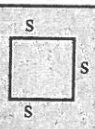
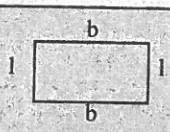
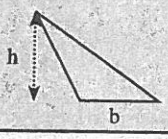
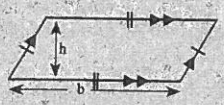
Chapter 1 Number 1

Change an improper fraction to a mixed number $\frac{8}{3}=2\frac{2}{3}$	Fraction of a quantity $\frac{3}{5}\text{ of }10=\frac{3\times10}{5}=6$
Percentage of a quantity $25\%\text{ of }60=\frac{25\times60}{100}=15$	

Chapter 2 Area

Square  Area = $s\times s = s^2$	**Rectangle**  Area = $l\times b$
Triangle  Area = $\frac{1}{2}bh$	**Parallelogram**  Area = bh

Chapter 3 Chance

The probability of an event is the number of favourable outcomes divided by the number of possible outcomes.	$\text{Theoretical Probability}=\frac{\text{Number of favourable outcomes}}{\text{Total number of outcomes}}$
A Sample Space is a complete list of all possible outcomes.	Tossing a coin: There are two possibilities: head or Tail. The Sample Space is: S = {H, T}

Chapter 4 Money

Unitary method - best buy

$4.20 for 400 mL of vegetable oil or $10.20 for 600 mL?

$= \frac{4.20}{4}$ for $\frac{400}{4}$ $= \frac{10.20}{6}$ for $\frac{600}{6}$

= $1.05 for 100 mL = $1.70 for 100 mL

The 400 mL is the best buy.