

# Conversion

## Difficulty: Easy

### Question Paper 2

Level	IGCSE
Subject	Maths (0580/0980)
Exam Board	CIE
Topic	Number
Sub-Topic	Conversion
Paper	Paper 2
Difficulty	Easy
Booklet	Question Paper 2

**Time allowed:** 23 minutes

**Score:** /18

**Percentage:** /100

#### Grade Boundaries:

##### CIE IGCSE Maths (0580)

A*	A	B	C	D	E
>88%	76%	63%	51%	40%	30%

##### CIE IGCSE Maths (0980)

9	8	7	6	5	4	3
>94%	85%	77%	67%	57%	47%	35%

## Question 1

Write the recurring decimal  $0.2\dot{5}$  as a fraction.  
[ $0.2\dot{5}$  means  $0.2555\dots$ ]

[2]

## Question 2

At the beginning of July, Kim had a mass of 63 kg.  
At the end of July, his mass was 61 kg.

[3]

Calculate the percentage loss in Kim's mass.

## Question 3

Work out 72 cents as a percentage of 83 cents.

[1]

## Question 4

Write

(a) 60 square metres in square centimetres, [1]

(b) 22 metres per second in kilometres per hour. [2]

## Question 5

A cruise ship travels at 22 knots.

[1 knot is 1.852 kilometres per hour.]

Convert this speed into metres per second.

[3]

### Question 6

The maximum speed of a car is 252 km/h.

[2]

Change this speed into metres per second.

### Question 7

Lin scored 18 marks in a test and Jon scored 12 marks.

[2]

Calculate Lin's mark as a percentage of Jon's mark.

## Question 8

Calculate

$$\frac{5^2}{2^5}$$

(a) giving your answer as a fraction,

[1]

(b) giving your answer as a decimal.

[1]