

# Percentages

## Difficulty: Easy

### Question Paper 1

Level	IGCSE
Subject	Maths (0580/0980)
Exam Board	CIE
Topic	Number
Sub-Topic	Percentages
Paper	Paper 2
Difficulty	Easy
Booklet	Question Paper 1

**Time allowed:** 39 minutes

**Score:** /30

**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 55 g as a percentage of 2.2 kg.

[2]

### Question 2

Work out 85 cents as a percentage of \$2.03 .

[1]

### Question 3

From a sample of 80 batteries, 3 are faulty.

Work out the percentage of faulty batteries.

[1]

### Question 4

Jasjeet and her brother collect stamps.

When Jasjeet gives her brother 1% of her stamps, she has 2475 stamps left.

Calculate how many stamps Jasjeet had originally.

[3]

### Question 5

In a sale, the cost of a coat is reduced from \$85 to \$67.50 .

Calculate the percentage reduction in the cost of the coat.

[3]

## Question 6

The population of Dubai at the end of 2012 was 2.1 million.  
This was predicted to increase at a rate of 6% each year.

Calculate the predicted population of Dubai at the end of 2015.

[3]

## Question 7

Anita buys a computer for \$391 in a sale.  
The sale price is 15% less than the original price.

Calculate the original price of the computer.

[3]

### Question 8

Calculate 17.5% of 44kg.

[2]

### Question 9

Emily invests \$ $x$  at a rate of 3% per year simple interest.  
After 5 years she has \$20.10 interest.

[3]

Find the value of  $x$ .

## Question 10

In 2012 the cost of a ticket to an arts festival was \$30.

This was 20% more than the ticket cost in 2011.

[3]

Calculate the cost of the ticket in 2011.

## Question 11

The Tiger Sky Tower in Singapore has a viewing capsule which holds 72 people.

This number is 75% of the population of Singapore when it was founded in 1819.

[2]

What was the population of Singapore in 1819?

## Question 12

Samantha invests \$600 at a rate of 2% per year simple interest.

[2]

Calculate the interest Samantha earns in 8 years.

## Question 13

Maria pays \$84 rent.

The rent is increased by 5%.

[2]

Calculate Maria's new rent.