

# E1.10 Bounds

## Question Paper

Level	IGCSE
Subject	Maths (0580)
Exam Board	Cambridge International Examinations (CIE)
Level	Core
Topic	E1. Number
Sub-Topic	E1.10 Bounds
Booklet	Question Paper

**Time Allowed:** 10 minutes

**Score:** /8

**Percentage:** /100

**Grade Boundaries:**

A*	A	B	C	D	E	U
>85%	75%	60%	45%	35%	25%	<25%

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- 1 Lanying sells potatoes in bags.  
Each bag contains 5 kg of potatoes, correct to the nearest 0.1 kg.

Complete the statement about the mass,  $m$  kilograms, of potatoes in each bag.

$$\dots\dots\dots \leq m < \dots\dots\dots [2]$$

- 2 Whisper is a horse.

- (a) Whisper eats three apples every day.

Work out how many apples she eats in 52 weeks.

$$\dots\dots\dots [1]$$

- (b) Whisper is exercised twice a day.  
The first time is for 30 minutes.  
The second time is for  $1\frac{1}{2}$  hours.

- (i) Write down the fraction of a day that Whisper is exercised.  
Write your answer in its simplest form.

$$\dots\dots\dots [2]$$

- (ii) Write down the fraction of a day that she is **not** being exercised.

$$\dots\dots\dots [1]$$

- (c) Whisper weighs 429 kg, correct to the nearest kilogram.

Complete the statement about her weight,  $w$  kg.

$$\dots\dots\dots \leq w < \dots\dots\dots [2]$$