

# Integers

## Question Paper

Level	IGCSE
Subject	Maths
Exam Board	Edexcel
Topic	Number and Algebra
Sub Topic	Integers
Booklet	Question Paper

**Time Allowed:** 26 minutes

**Score:** /21

**Percentage:** /100

**Grade Boundaries:**

9	8	7	6	5	4	3	2	1
>90%	80%	70%	60%	50%	40%	30%	20%	10%

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1 Express 126 as a product of its prime factors.

.....  
(Total for Question 1 is 3 marks)

2 Work out the value of  $\frac{6.6 \times 1.2}{4.4 - 2.75}$

.....  
(Total for Question 2 is 2 marks)

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3 (a) Use your calculator to work out the value of

$$\frac{8.7 + 2.8}{1.4^2}$$

Give your answer as a decimal.  
Write down all the figures on your calculator display.

.....  
(2)

(b) Give your answer to part (a) correct to 2 significant figures.

.....  
(1)

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**(Total for Question 3 is 3 marks)**

4 (a) Work out the value of  $\frac{\sqrt{7.4}}{9.8 - 2.1}$

Give your answer as a decimal.  
Write down all the figures on your calculator display.

.....  
(2)

(b) Give your answer to part (a) correct to 2 significant figures.

.....  
(1)

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**(Total for Question 4 is 3 marks)**

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5 (a) Work out the value of  $\frac{13.8 \times 6.5}{7 + \sqrt{2}}$

Write down all the figures on your calculator display.

.....  
(2)

(b) Give your answer to part (a) correct to 3 significant figures.

.....  
(1)

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**(Total for Question 5 is 3 marks)**

6 (a) Work out the value of  $\frac{451.4}{14.1 + 10.3}$

.....  
(2)

(b) Work out the value of  $\sqrt{7.8^2 - 7.2^2}$

.....  
(2)

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**(Total for Question 6 is 4 marks)**

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- 7 (a) Use your calculator to work out the value of

$$125^2 + \frac{173}{9.3 - 6.8}$$

Give your answer as a decimal.

.....  
(2)

- (b) Write your answer to part (a) correct to 3 significant figures.

.....  
(1)

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**(Total for Question 7 is 3 marks)**