

**AQA, OCR, Edexcel**

**GCSE**

# GCSE Maths

LCM, HCF, Factors and Prime  
Numbers Answers

Name:

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Total Marks:  /21

## LCM, HCF, Factors and Prime Numbers

1. What is a prime number? give 3 examples of prime numbers under 10.

- A number that is only divisible by 1 and itself e.g. 1,2,3, 5, 7.

(3marks)

2. What is a negative integer?

- A negative whole number

(1 mark)

3. Find the LCM of 4 and 6?

- 12

(2 marks)

4. Find the HCF of 24 and 36?

- 12

(2 marks)

5. Find the LCM of 3 and 7?

- 21

(2 marks)

6. Find the HCF of 72 and 27.

- 9

(2 marks)

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7. Which of the following is not a square number or a prime number?

i. 2, 4, 16, 17, 25, 26, 36, 37, 49, 51, 53

- 26, 51

(1 mark)

8. Find the prime factors of 140.

- $2^2 \times 5 \times 7$

(2 marks)

9. Find the prime factors of 220.

- $2^2 \times 5 \times 11$

(3 marks)

10. Which is the highest value; the LCM of 2 and 4, or the HCF of 8 and 12?

Explain your answer.

- They are both the same answer which is 4.

(3 marks)