



THIRD SPACE
LEARNING

GCSE Exam Questions

Factors and Multiples | Number

GCSE Exam Questions: Factors and Multiples

1) Write down the first five multiples of 4

(1 mark)

2) From the list of numbers

5, 9, 12, 14, 20, 23, 30, 36, 45

(a) Write down the multiple of 7

(1)

(b) Write down the multiples of 5

(2)

(c) Write down the multiples of 12

(2)
(5 marks)

3) Write down all the factors of 18

(2 marks)

GCSE Exam Questions: Factors and Multiples

- 4) A green light flashes every 8 seconds.
A blue light flashes every 12 seconds.
Both lights have just flashed together.
After how many seconds will both lights flash together?

(2 marks)

GCSE Exam Questions: Factors and Multiples Answers

	Question	Answer	Marks
1)	Write down the first five multiples of 4	4, 8, 12, 16, 20	(1)
2)	From the list of numbers 5, 9, 12, 14, 20, 23, 30, 36, 45		
(a)	Write down the multiples of 7	(a) 14	(1)
(b)	Write down the multiples of 5	(b) 5, 20, 30 and 45 2 correct multiples identified 4 correct multiples identified	(1) (1)
(c)	Write down the multiples of 12	(c) 12 and 36 1 correct multiple identified 2 correct multiples identified	(1) (1)
3)	Write down all the factors of 18	1, 2, 3, 6, 9, 18 3 correct factors identified All 6 correct factors identified	(1) (1)
4)	A green light flashes every 8 seconds. A blue light flashes every 12 seconds. Both lights have just flashed together. After how many seconds will both lights flash together?	8, 16, 24, ... 12, 24, 36, ... 3 correct multiples of 8 and 12 listed 24 seconds	(1) (1)

Where to go next?

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