GCSE Exam Questions

Multiples | Number

GCSE Exam Questions: Multiples

1) From the list of numbers:

$$7, \ 9, \ 12, \ 21, \ 23, \ 30, \ 36, \ 45$$

(a) Write down the multiples of 7.

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(1)

(b) Write down the multiples of 5.

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(1)

(c) Write down the multiples of 12.

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(1)
(3 marks)

2) **(a)** Write down two multiples of 4.

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(1)

(b) Write down two multiples of 9.

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(1)

(c) Write down a number which is a multiple of both 4 and 9.

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(1)
(3 marks)

3) **(a)** Write down three different multiples of 4 that add up to 40.

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(2)

(b) Write down an even number that is a multiple of 7.

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(1)
(3 marks)

GCSE Exam Questions: Multiples

4) **(a)** Which of these numbers is one more than a multiple of 5?

15,   19,   26,   30

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(1)

(b) Complete the following Venn diagram for the numbers 20 to 40.
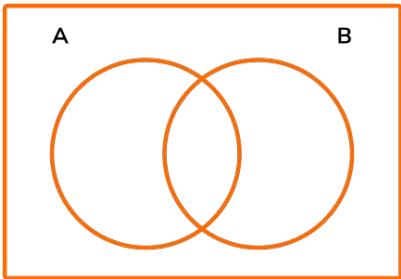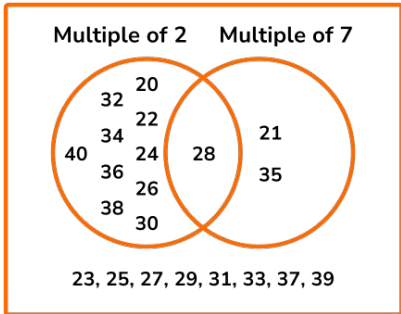
A = multiples of 2
B = multiples of 7

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(4)
(5 marks)

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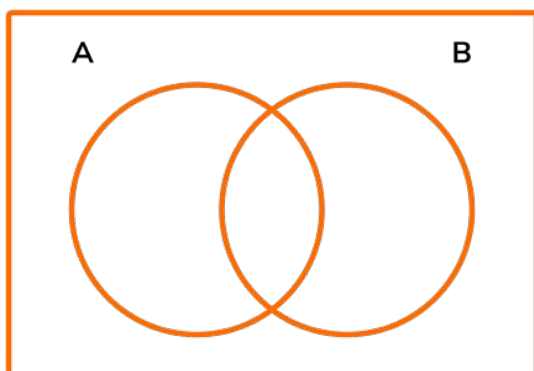
GCSE Exam Questions: Multiples Answers

	Question	Answer	Marks
1) (a)	From the list of numbers 7, 9, 12, 21, 23, 30, 36, 45 Write down the multiples of 7.	**(a)** 7 and 21	**(1)**
(b)	Write down the multiples of 5.	**(b)** 30 and 45	**(1)**
(c)	Write down the multiples of 12.	**(c)** 12 and 36	**(1)**
2) (a)	Write down two multiples of 4.	**(a)** Any two multiples of 4 e.g. 4, 8, 12, 16	**(1)**
(b)	Write down two multiples of 9.	**(b)** Any two multiples of 9 e.g. 9, 18, 27,	**(1)**
(c)	Write down a number which is a multiple of both 4 and 9.	**(c)** Any common multiple of 4 and 9 e.g. 36, 72	**(1)**
3) (a)	Write down three different multiples of 4 that add up to 40.	**(a)** Any 3 multiples of 4 e.g. 4, 8, 12, 16, 20, 24 Any 3 multiples of 4 that add up to 40, E.g. 8, 12, 20 **or** 4, 16, 20	**(1)** **(1)**
(b)	Write down an even number that is a multiple of 7.	**(b)** Any multiple of 14 e.g. 14, 28, 42	**(1)**
4) (a)	Which of these numbers is one more than a multiple of 5? 15, 19, 26, 30	**(a)** 26	**(1)**
(b)	Complete the following Venn diagram for the numbers 20 to 40. A = multiples of 2 B = multiples of 7	28 in the middle 21 and 35 in multiples of 7 **only** All other even numbers in multiples of 2 **only** All remaining numbers on the outside of the diagram	**(1)** **(1)** **(1)** **(1)**

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