



THIRD SPACE
LEARNING

GCSE Exam Questions

Multiplying and Dividing
Negative Numbers | Number

GCSE Exam Questions: Multiplying and Dividing Negative

1) (a) Calculate

$$(-63) \div (-7)$$

(1)

(a) Calculate

$$12 \times (-4)$$

(1)

(2 marks)

2) (a) Calculate

$$(-5)^2$$

(1)

(b) Calculate

$$(-2)^3$$

(1)

(2 marks)

3)

$$\boxed{} \div \boxed{-2} = \boxed{9}$$

Work out the missing number that would make the calculation correct.

(1)

(1 mark)

GCSE Exam Questions: Multiplying and Dividing Negative

- 4) The table shows the temperature at midnight and midday on January 5th in four cities.

City	Temperature
Helsinki	-6°C
Berlin	3°C
Utrecht	-2°C
Rome	7°C

- (a) Write down the city with the lowest midnight temperature.

(1)

- (b) How many times colder was Helsinki compared to Utrecht?

(1)
(2 marks)

GCSE Exam Questions: Multiplying and Dividing Negative Numbers Answers

	Question	Answer	Marks										
1) (a)	Calculate $(-63) \div (-7)$	(a) 9	(1)										
(b)	Calculate $12 \times (-4)$	(b) - 48	(1)										
2) (a)	Calculate $(-5)^2$	(a) 25	(1)										
(b)	Calculate $(-2)^3$	(b) - 8	(1)										
3)	$\div$ -2 = 9 Work out the missing number that would make the calculation correct.	-18	(1)										
4) (a)	Work out the missing number that would make the calculation correct. <table><tr><th>City</th><th>Temperature</th></tr><tr><td>Helsinki</td><td>-6°C</td></tr><tr><td>Berlin</td><td>3°C</td></tr><tr><td>Utrecht</td><td>-2°C</td></tr><tr><td>Rome</td><td>7°C</td></tr></table> Write down the city with the lowest midnight temperature.	City	Temperature	Helsinki	-6°C	Berlin	3°C	Utrecht	-2°C	Rome	7°C	(a) Helsinki	(1)
City	Temperature												
Helsinki	-6°C												
Berlin	3°C												
Utrecht	-2°C												
Rome	7°C												
(b)	Calculate $(-2)^3$	(b) $(-6) \div (-2)$ 3	(1)										

Where to go next?

For more diagnostic questions, and GCSE maths revision resources and worksheets to support students in fixing any misconceptions take a look at the free Third Space Learning [GCSE maths revision](#) pages.

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