1.7 Negative Numbers: 10-minute Pack

Calculators not allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Complete the missing value: x + (-7) = -2. Find x.

(2)

2 A hiker starts at 120 m above sea level. She walks down 250 m and then climbs 80 m. What is her final height above sea level?

(3)

3 Work out: -20 ÷ (-4) - 2

(2)

4 Write these numbers in order, smallest first.
10, 4, -6, 1, 8, 2

(2)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 1.7 Negative Numbers: 10-minute Pack

Question 1

sets up or shows adding 7 to both sides or equivalent method	**M1**
x = 5 cao	**A1**

Answer: **5**

Question 2

uses subtraction for going down: 120 - 250 = -130 or equivalent	**M1**
adds the climb: -130 + 80 or shows correct sequence of operations	**M1**
-50 m cao	**A1**

Answer: **-50 m**

Question 3

divides: -20 ÷ -4 = 5 or equivalent	**M1**
3 cao	**A1**

Answer: **3**

Question 4

at least four numbers in the correct relative order	**M1**
-6, 1, 2, 4, 8, 10 cao	**A1**

Answer: **-6, 1, 2, 4, 8, 10**

© Revision Library | revisionlibrary.co.uk