

Directed Numbers - Add, Subtract, Multiply, Divide

Name:

Class:

Date:

Mark

/ 12

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1) Work out

[9]

a) $5 + (-4)$

b) $3 - (-6)$

c) $5 + (-2)$

d) $6 - (-7)$

e) $1.5 - (-9.5)$

f) $(-4) \times (-3)$

g) $(-3) \div (-1)$

h) $(-50) \div 10$

i) $7.5 \times (-3.25)$

2) Order the following temperatures from coldest to warmest

[1]

10, -1, 2, -10

3) A shark is 92 metres below sea level. A balloon is directly above the shark and 991 metres above sea level. Find the vertical distance between the shark and the balloon.

[1]

4) Dakota recorded the temperature at 8 am outside his house on the 1st of each month for 6 consecutive months.

Month	Temperature
November	6 °C
December	- 10 °C
January	- 8 C
February	4 C
March	13 °C
April	14 °C

Work out

- a) the highest temperature °C
- b) the lowest temperature °C
- c) the difference in temperature between the 1st of December and the 1st of April °C

[1]

Solutions for the assessment Directed Numbers - Add, Subtract, Multiply, Divide

1) a) 1

b) 9

c) 3

d) 13

e) 11

f) 12

g) 3

h) -5

i) -24.375

2) -10, -1, 2, 10

3) 1083 m

4) a) highest = 14°C

b) lowest = -10°C

c) difference = 24°C