Directed Numbers - Add,Subtract,Multiply,Divide

Name:	Class:	Date:

Mark	/ 12	%

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