**Directed Numbers - Add, Subtract, Multiply, Divide**

|  |  |  |
| --- | --- | --- |
| Name : | Class : | Date : |

|  |  |  |
| --- | --- | --- |
| Mark : | /12 | % |

|  |  |
| --- | --- |
| **1)** Work out       a) (-3)   5       b) (-5)   5       c) (-1)   5 | [9] |
| d) (-5)   ( - 10 )       e) (-1.25)   ( - 7.25 )       f) 2   ( - 5 ) |  |
| g) (-35)   7       h) (-10)   1       i) (-8.5)   ( - 9.5 ) |  |
| **2)** Order the following temperatures from coldest to warmest         5, -8, -20, -18 | [1] |
| **3)** A jellyfish is 66 metres below sea level. A plane is directly above the jellyfish and 357 metres above sea level. Find the vertical distance between the jellyfish and the plane. | [1] |
| **4)** Alfie recorded the temperature in degrees celcius at 6 am outside his house on the 1st of each month for 6 consecutive months.   |  | | --- | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Month | November | December | January | February | March | April | | Temperature |  |  |  |  |  |  | |  |

Work out  
a) the highest temperature        
  
b) the lowest temperature        
  
c) the difference in temperature between the 1st of December and the 1st of April     

[1]

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

|  |  |
| --- | --- |
| **1)**  a) 2 | b) -10 |
| c) 4 | d) -15 |
| e) 6 | f) -10 |
| g) -5 | h) -10 |
| i) 80.75 | **2)** -20, -18, -8, 5 |
| **3)** 423 m | **4)** a) highest = 13 °C b) lowest = -9 °C c) difference = 20 °C |