

m3 = 2 days to go!

27 The weekly wages of eight office workers are listed below.

£202 £212 £221 £242 £250 £250 £260 £284

One person's wage of £110 was not on the list. If this wage is now included, write down whether each of the following will increase, decrease or stay the same.

- (a) the mean wage will _____ [1]
- (b) the modal wage will _____ [1]
- (c) the median wage will _____ [1]
- (d) the range of the wages will _____ [1]

17 L is the point $(-5, 6)$. N is the point $(3, -2)$.

Write the co-ordinates of the midpoint of LN.

Answer (_____ , _____) [2]

20 (a) Expand and simplify $3(4x + 3)(2x - 1)$

Answer _____ [3]

(b) Factorise $t^2 - 49$

Answer _____ [1]

4 Heather has an annual salary of £32 000

The first £10 800 is tax free.

She pays income tax at a rate of 20%.

How much of her salary is left after paying her tax?

Answer £ _____ [3]