8 The stem and leaf diagram shows the weights of some coins.

```
3 | 4 6
4 | 0 5 7 9
5 | 1 2 4 6 8
6 | 1 3 4 5 7 8 9
7 | 0 5 5 5 7 9
8 | 1 1 2 4 6
9 | 2 3
```

Key $3 \mid 4 = 3.4\,\text{g}$

Write down

(a) the range,

Answer _____ g [1]

(b) the mode,

Answer _____ g [1]

(c) the median.

Answer _____ g [1]

25 ABCD is a square.

ABE is an equilateral triangle.

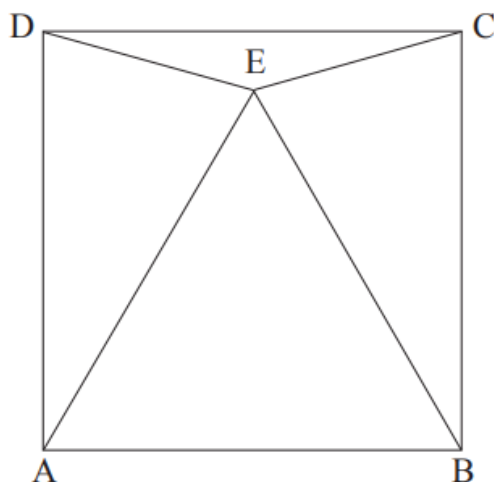Explain why angle DEC = 150°

Diagram not drawn accurately

12 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]