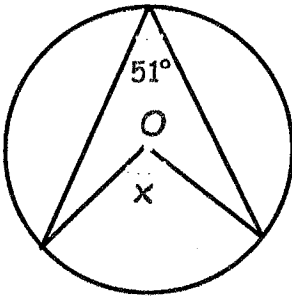


21st January



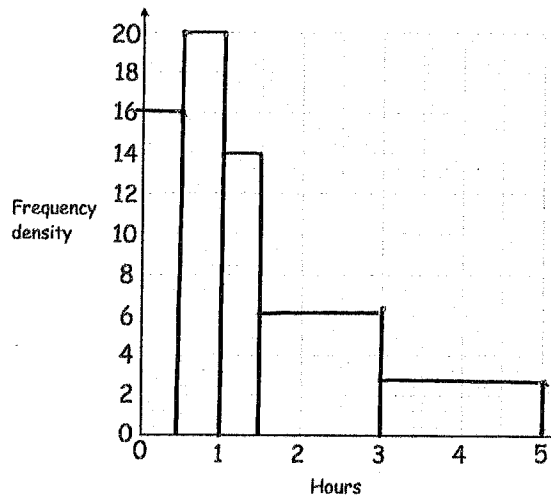
Corbettmaths

Find x

$$102^\circ$$

| Waiting time, h | Frequency | fd |
|-------------------|-----------|------|
| $0 < h \leq 0.5$ | 8 | 16 |
| $0.5 < h \leq 1$ | 10 | 20 |
| $1 < h \leq 1.5$ | 7 | 14 |
| $1.5 < h \leq 3$ | 9 | 6 |
| $3 < h \leq 5$ | 6 | 3 |

Draw a histogram for this data.



A is inversely proportional to B.

If $A = 10$, $B = 3$.Find B when $A = 15$.

$$A = \frac{30}{B}$$

$$15 = \frac{30}{B}$$

$$B = 2$$

A

A fair six sided dice is rolled three times.

Find the probability of getting exactly one six.

$$\frac{1}{6} \times \frac{5}{6} \times \frac{5}{6} \times 3$$

$$= \frac{75}{216}$$