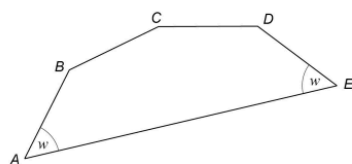


Q1. (2020)

20 AB , BC , CD and DE are four of the sides of a regular decagon.



Not drawn accurately

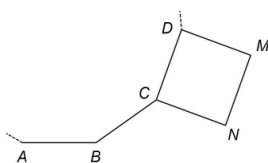
Work out the size of angle w .

[3 marks]

Answer _____ degrees

Q2. (2022)

28 AB , BC and CD are sides of a regular 12-sided polygon.
 $CDMN$ is a square.



Not drawn accurately

Prove that points A , B and N lie on a straight line.

[4 marks]

Q3. (2023)

6 (a) Part of a regular polygon is shown.



Not drawn accurately

Assume that the polygon is an octagon.

Work out the size of an **exterior** angle.

[2 marks]

Answer _____ °

Q4. (2023)

- 6 (b) In fact, the polygon has **more** sides than an octagon.

What does this mean about the size of an exterior angle?

Tick **one** box.

[1 mark]

☐

It is more than the answer to part (a)

☐

It is the same as the answer to part (a)

☐

It is less than the answer to part (a)

☐

It could be any of the above