

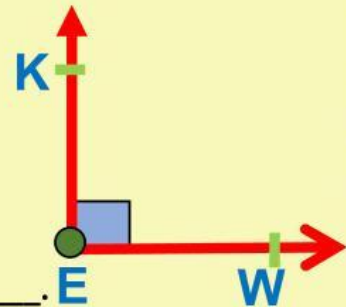
Basics Of Geometry, Angle And Its Parts

Q#01: Identify each statement as "True" or "False".

- | | |
|--|------------------|
| (i) In angle GLE, G is the meeting point of two rays. | (True / False) |
| (ii) $\overrightarrow{GN}$ and $\overrightarrow{GT}$ are the arms of $\angle TGN$. | (True / False) |
| (iii) 5.7cm is the same as 5cm and 7mm. | (True / False) |
| (iv) A ray has a fixed length. | (True / False) |
| (v)  The shape is representing line AQ. | (True / False) |

Q#02: Look at the given angle carefully, and choose the correct option.

- (i) The vertex of the given angle is _____.
- (ii) Name of the given angle is _____.
- (iii) Symbolic form: $\angle EWK$ / $\angle WEK$
- (iv) Arms of the angle are the _____ EK and $\overrightarrow{WE}$.
- (v) The amount of turn between two rays is called a/an _____.



Q#03: Match each shape with its name.



Ray

Line segment

Point

Line

Q#04: Select the correct option from the given options.

- (i) The meeting point of two rays of an angle is called:
- | | | |
|------------|---------|----------|
| (a) vertex | (b) arm | (c) line |
|------------|---------|----------|
- (ii) A collection of points in a straight path with no end points is called:
- | | | |
|-----------|------------------|----------|
| (a) point | (b) line segment | (c) line |
|-----------|------------------|----------|
- (iii) A line segment has _____ end point(s).
- | | | |
|-------|-------|----------|
| (a) 2 | (b) 1 | (c) zero |
|-------|-------|----------|
- (iv) A _____ has one end point and can be extended in other direction.
- | | | |
|------------------|---------|----------|
| (a) line segment | (b) ray | (c) line |
|------------------|---------|----------|
- (v) There are _____ millimetres in one centimetre.
- | | | |
|-----------|---------|--------|
| (a) 1 000 | (b) 100 | (c) 10 |
|-----------|---------|--------|