Question 1:
Construct the following quadrilaterals:
(i) Quadrilateral DEAR
   DE = 4 cm, EA = 5 cm, AR = 4.5 cm, ∠E = 60°, ∠A = 90°
(ii) Quadrilateral TRUE
    TR = 3.5 cm, RU = 3 cm, UE = 4 cm, ∠R = 75°, ∠U = 120°

Answer 1:
(i) Given:
   DE = 4 cm, EA = 5 cm, AR = 4.5 cm, ∠E = 60°, ∠A = 90°
To construct:
   A quadrilateral DEAR.
Steps of construction:
   (a) Draw a line segment DE = 4 cm.
   (b) At point E, construct an angle of 60°.
   (c) Taking radius 5 cm, draw an arc from point E which intersects at A.
   (d) Construct ∠A = 90°, draw an arc of radius 4.5 cm with centre A which intersect at R.
   (e) Join RD.
   It is the required quadrilateral DEAR.

(ii) Given:
   TR = 3.5 cm, RU = 3 cm, UE = 4 cm, ∠R = 75°, ∠U = 120°
To construct:
   A quadrilateral TRUE
Steps of construction:
   (a) Draw a line segment TR = 3.5 cm.
   (b) Construct an angle 75° at R and draw an arc of radius 3 cm with R as centre, which intersects at U.
   (c) Construct an angle of 120° at U and produce the side UE.
   (d) Draw an arc of radius 4 cm with U as centre.
   (e) Join UE and TE.
   It is the required quadrilateral TRUE.