Exercises

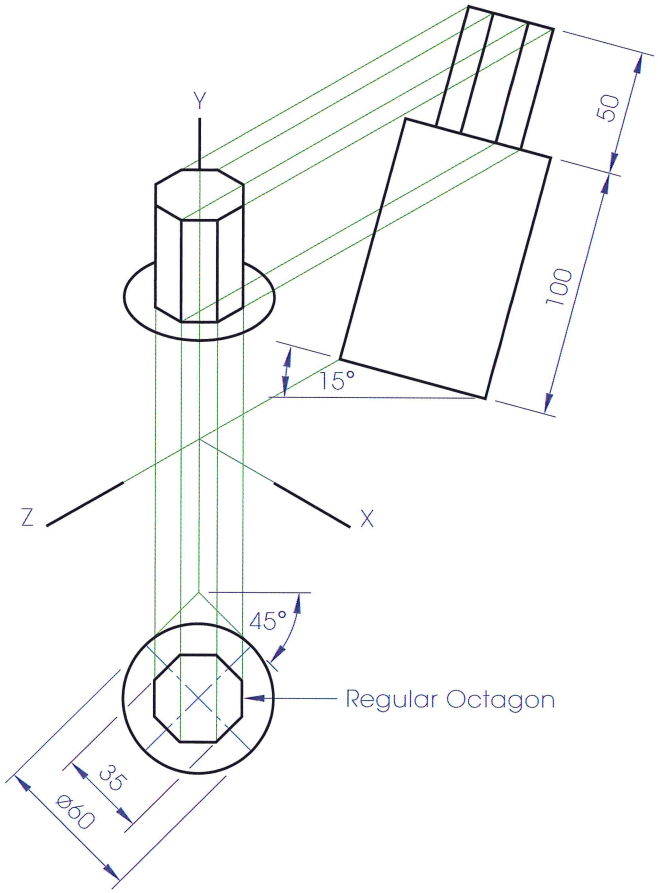
1. The incomplete isometric projection of a **Tippex bottle** using the axonometric axes method is shown over. The elevation and plan are also shown in their required positions.

(i) Draw the axonometric axes X, Y and Z.

(ii) Draw the plan orientated at 45° as shown.

(iii) Draw the elevation orientated at 15° as shown.

(iv) Draw the completed axonometric projection.



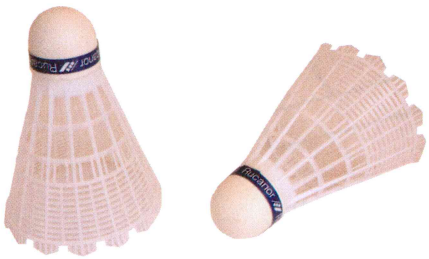
2. The figure over shows the axonometric axes required for the isometric projection of the three surfaces of a **badminton shuttle**. The elevation and plan are also shown in their required positions.

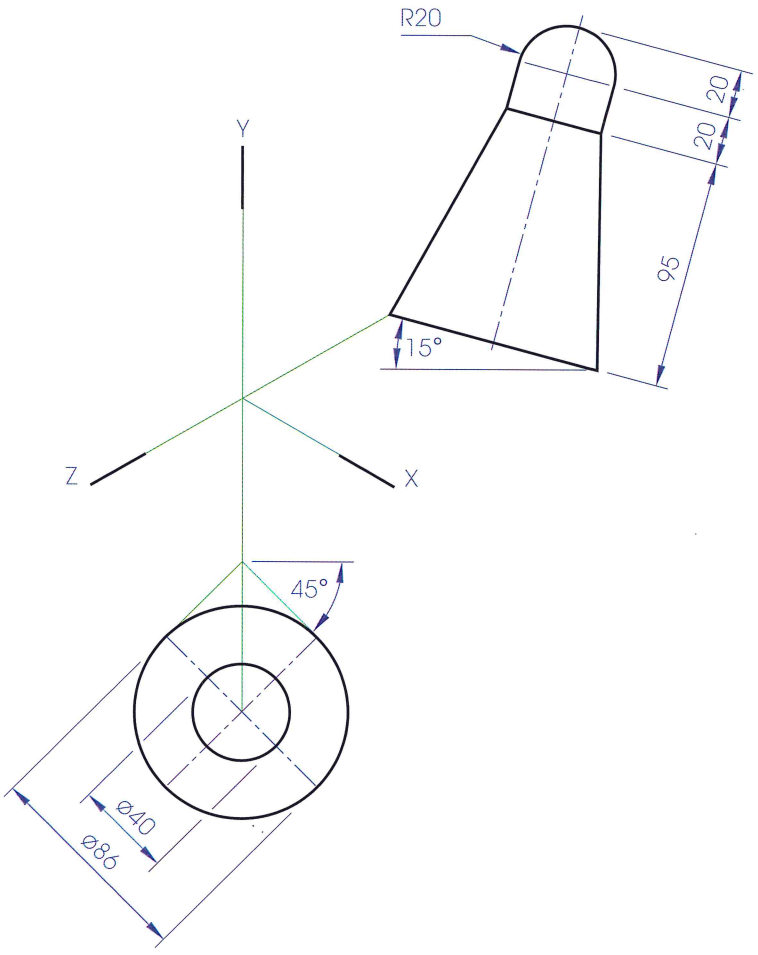
(i) Draw the axonometric axes X, Y and Z.

(ii) Draw the plan orientated at 45° as shown.

(iii) Draw the elevation orientated at 15° as shown.

(iv) Draw the axonometric projection of the three surfaces of the shuttle.





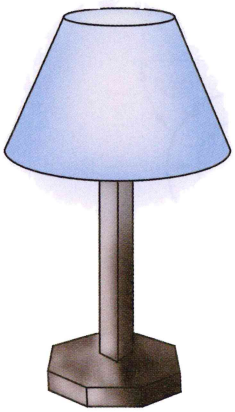
3. The figure over shows the axonometric axes required for the isometric projection of a **table lamp**. The elevation and plan are also shown in their required positions.

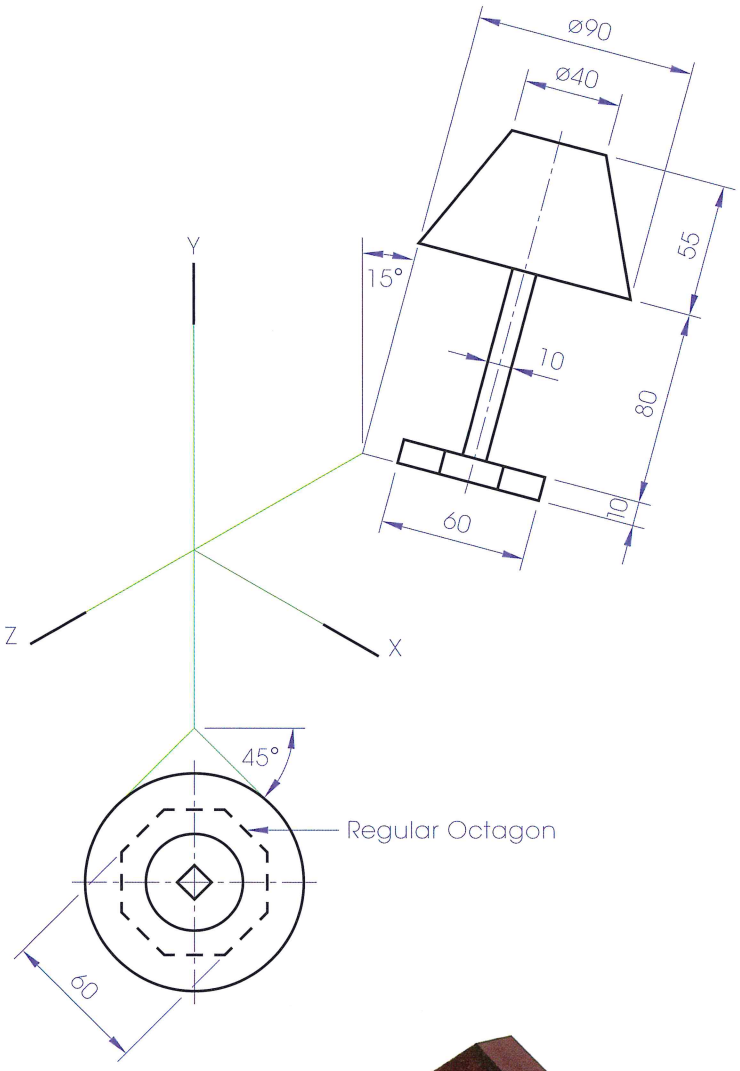
(i) Draw the axonometric axes X, Y and Z.

(ii) Draw the plan orientated at 45° as shown.

(iii) Draw the elevation orientated at 15° as shown.

(iv) Draw the axonometric projection of the table lamp.





4. The axonometric axes required for the isometric projection of a **plaque** are shown over. The front and side elevations are also shown in their required positions.

(i) Draw the axonometric axes X, Y and Z.

(ii) Draw the elevations orientated at 15° as shown.

(iii) Draw the axonometric projection of the plaque.