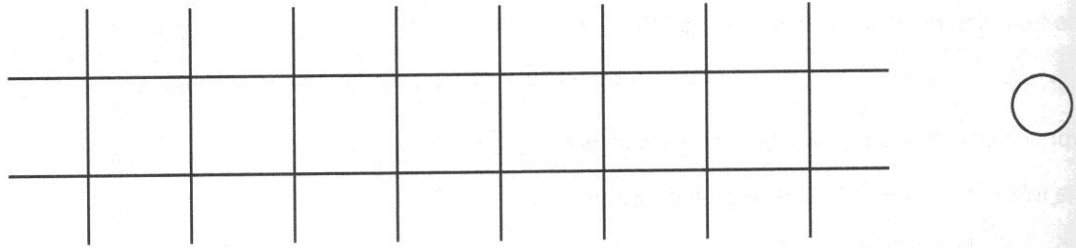


Exercise 7A

Exercise 7A

Instructions:

1. Start a **New** file using either the **inch-helper.dwt** or the **metric-helper.dwt**
2. Draw the lines and one circle shown below.

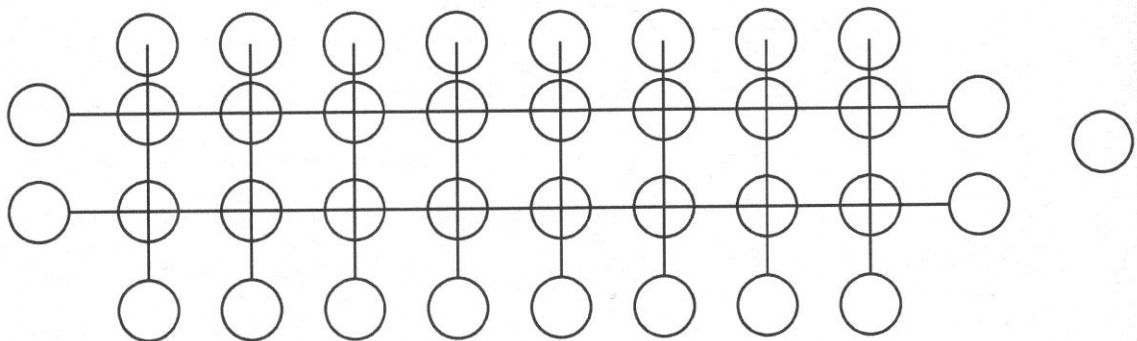


Before Copy

3. Copy the circle to all the other locations shown below.
 - A. Select the **Copy** command.
 - B. Select the circle.
 - C. Select the basepoint on the original circle.

Note: The basepoints are different.

- D. Select the new location (second point of displacement).



After Copy

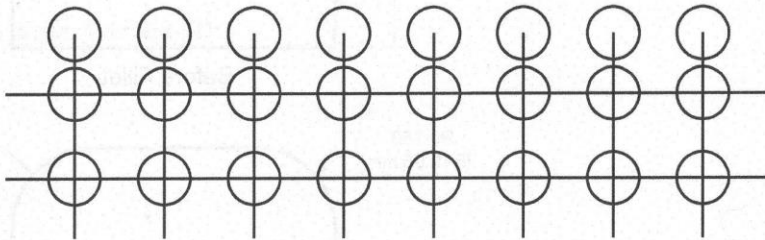
4. **Save** the drawing as: **Ex-7A**

Note: Step-by-step instructions are shown on the next page.

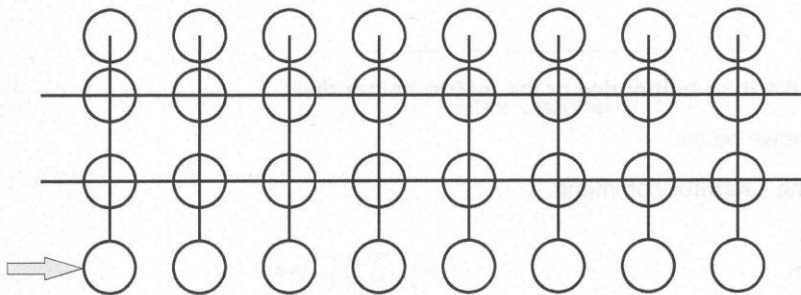
Exercise 7A Helper

Exercise 7A Helper

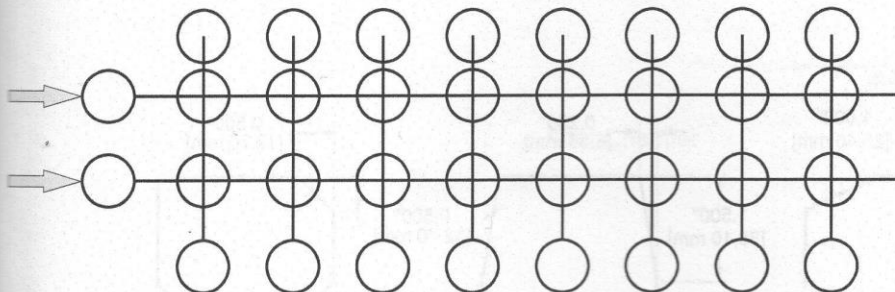
1. Select the **Copy** command and then select the circle to copy.
2. Select the basepoint: the center of the circle (use Object Snap Center).
3. Set Running Object Snap to **Endpoint** and **Intersection** and place all 24 circles.



1. Select the **Copy** command and then select the circle to copy.
2. Select the basepoint: the quadrant (12 o'clock) this time.
3. Place the eight bottom circles accurately using the **Endpoint** Object Snap.



1. Select the **Copy** command and then select the circle to copy.
2. Select the basepoint: the quadrant (3 o'clock) this time.
3. Place the two circles on the left accurately using the **Endpoint** Object Snap.



You should be able to figure out the last two circles on the right.