4.2 Reflectional/Line Symmetry p. 180 \#25-31

In exercises 25-30, determine whether the figure has line symmetry. If so, draw the line(s) of symmetry.
(25)
31. Describe the line symmetry, if any, of each word:
a. LOOK
b. OX

Extra question:
Draw or paste three company logos that have reflectional/line symmetry and draw the symmetry lines.
State the name of the company below the logo.
$\square$

In exercises 29-34, determine whether the figure has rotational symmetry. If so, identify the order of rotational symmetry of the figure.
292)

College Prep (Multiselect) In exercises 35-38, select all angles of counterclockwise rotation about the center of the regular polygon that map the polygon onto itself.

| a) $30^{\circ}$ | b) $45^{\circ}$ | c) $60^{\circ}$ | d) $72^{\circ}$ | e) $90^{\circ}$ | f) $120^{\circ}$ | g) $144^{\circ}$ | h) $180^{\circ}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 35 ) | 36 ) | $37)$ | $38)$ |  |  |  |  |

## Extra question:

Draw or paste 3 company logos that have rotational symmetry and state the first counterclockwise angle of rotation that would map the image onto itself. State the name of the company below the logo.

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