

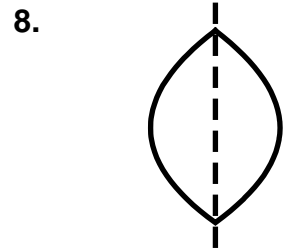
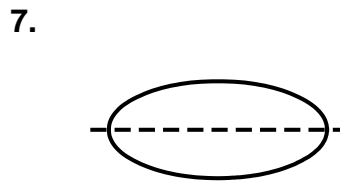
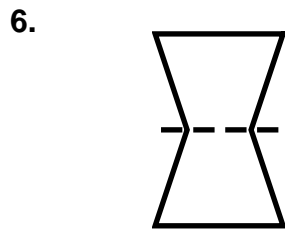
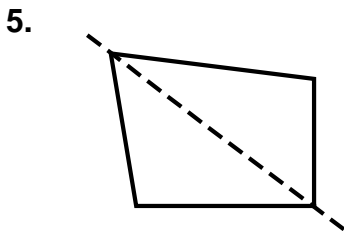
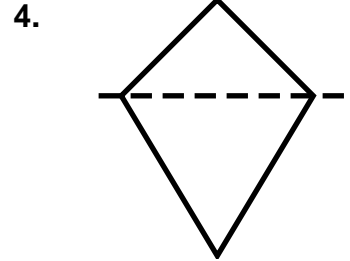
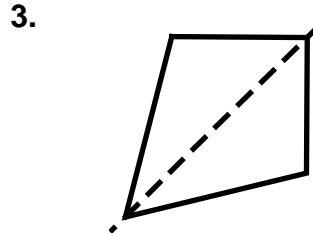
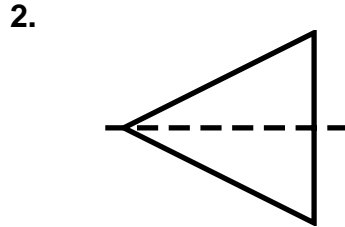
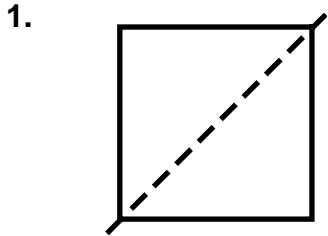
Geometry

Skill 4 - 20A

Symmetry

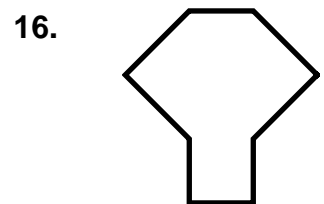
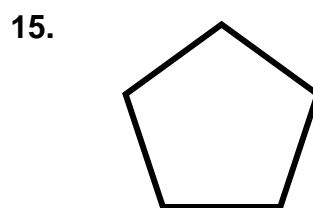
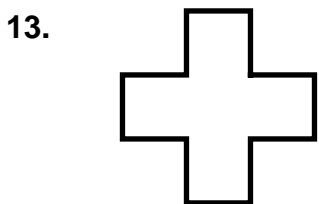
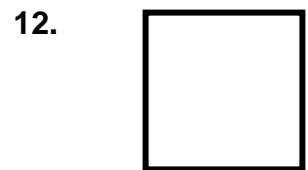
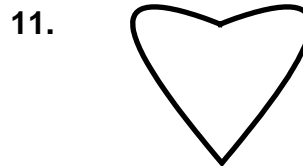
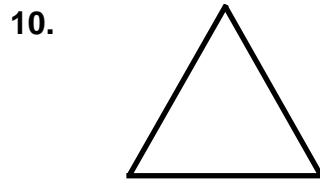
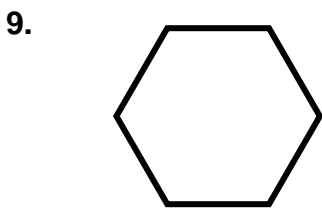
A figure has *line symmetry* if you can fold the figure along a line and both halves match exactly.

Directions: Write “yes” if the dotted line is a line of symmetry or “no” if it is not.



A figure has *rotational symmetry* if you can rotate it 180° or less and it will look exactly the same.

Directions: Write “rotational symmetry”, “line symmetry” or “both”.



Geometry

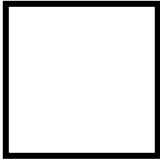
Skill 4 - 20A

Symmetry

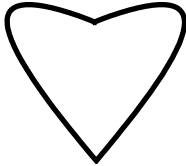
A figure has *line symmetry* if you can fold the figure along a line and both halves match exactly.

Directions: Draw as many lines of symmetry as possible on each figure or if the figure does not have a line of symmetry, write "none".

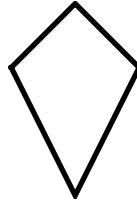
17.



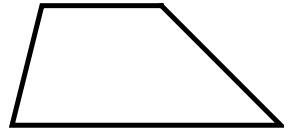
18.



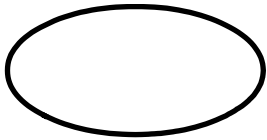
19.



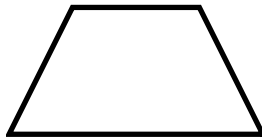
20.



21.



22.



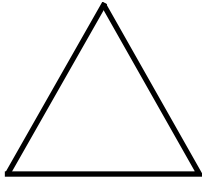
23.



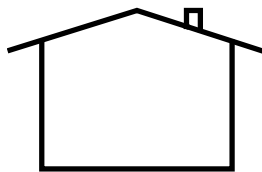
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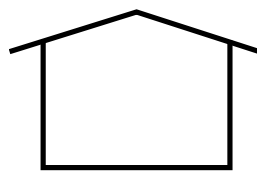
25.



26.



27.



28.



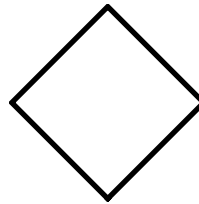
29.



30.



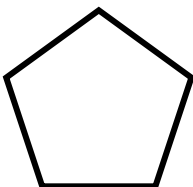
31.



32.



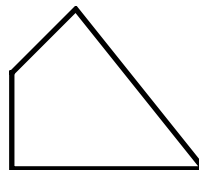
33.



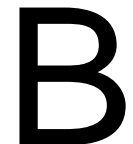
34.



35.



36.



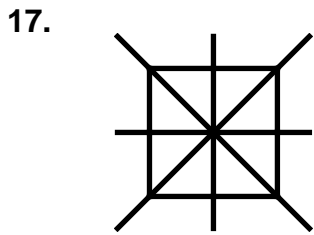
Answer Key: Skill 20A Grade 4

1. yes 2. yes 3. yes 4. no 5. no

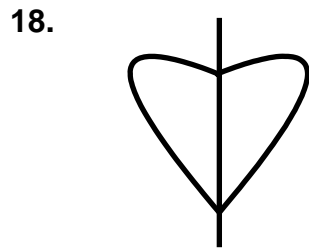
6. no 7. yes 8. yes 9. yes

10. rotational, line 11. rotational, line 12. line

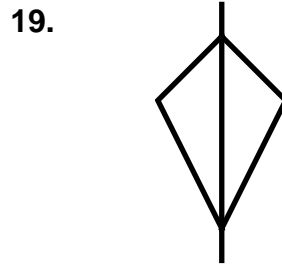
13. rotational, line 14. line 15. line 16. line



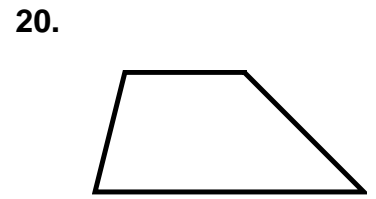
a square has 4 lines of symmetry



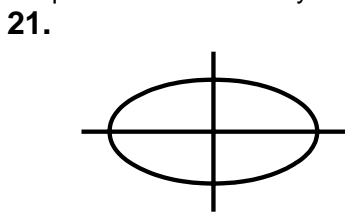
1 line of symmetry



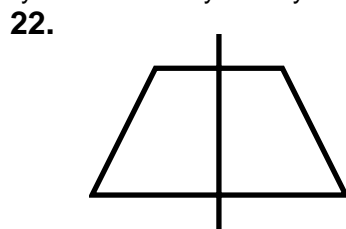
1 line of symmetry



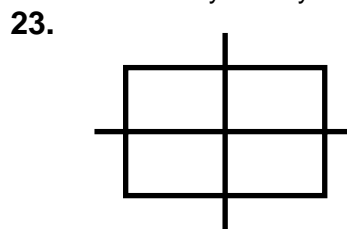
none



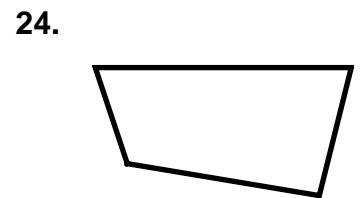
an ellipse has 2 lines of symmetry



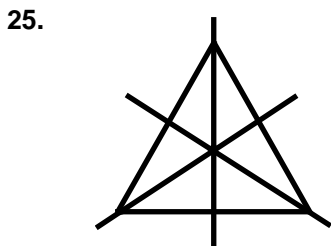
this trapezoid has 1 line of symmetry



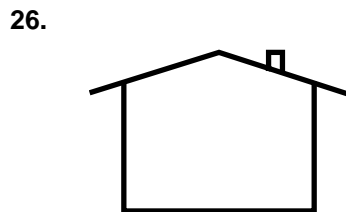
a rectangle has 2 lines of symmetry



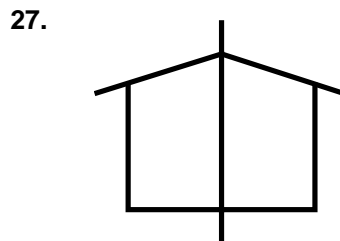
none



an equilateral triangle has 3 lines of symmetry



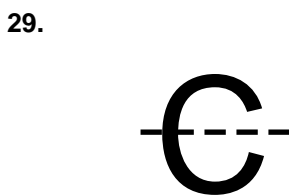
none



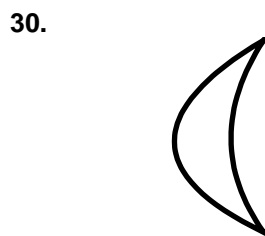
one line of symmetry



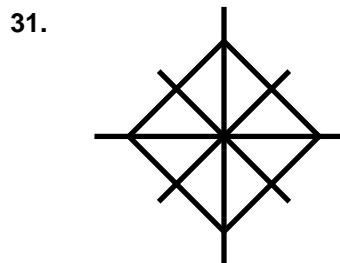
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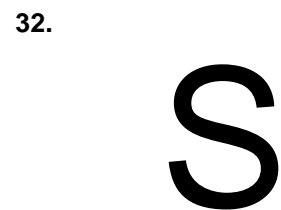
two lines of symmetry



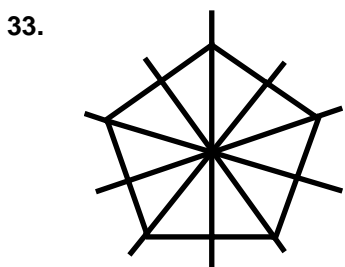
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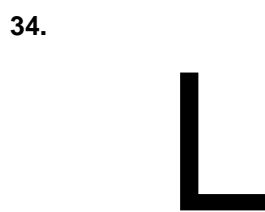
four lines of symmetry



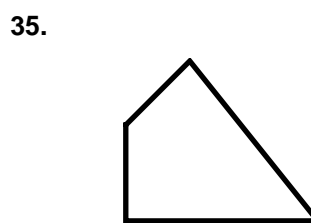
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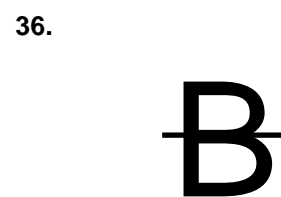
a regular pentagon has 5 lines of symmetry.



none



none



none