

SYMMETRY

Name: _____

Date: _____

- 01.** A scalene triangle has _____ line of symmetry.
 (a). no (b). one (c). two (d). three
- 02.** An scalene triangle has _____ lines of symmetry.
 (a). no (b). three (c). two (d). one
- 03.** An isosceles triangle has _____ line of symmetry.
 (a). one (b). two (c). three (d). no
- 04.** A rectangle has _____ line of symmetry.
 (a). no (b). two (c). one (d). three
- 05.** A square has _____ line of symmetry.
 (a). two (b). one (c). no (d). three
- 06.** An equilateral triangle has _____ line of symmetry.
 (a). no (b). three (c). two (d). one

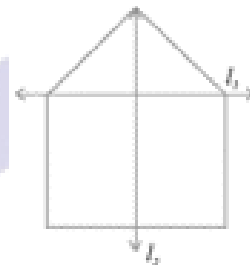
Fill in the blanks:

Q01. A figure has _____ if a line can be drawn dividing the figure into two identical parts.

Q02. The _____ symmetry is closely related to mirror reflection.

Q03. For the given figure, which one is the mirror line, l_1 or l_2 ?

Q04. Find the number of lines of symmetry for each of the following shapes:



Q05. Consider the letters of English alphabets, A to Z. List among them the letters which have vertical lines of symmetry (like A).

Q06. A figure has line symmetry if a _____ can be drawn dividing the figure into two identical parts.

Q07. The line symmetry is _____ related to mirror reflection.

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Q08. Identify the shapes given below. Check whether they are symmetric or not. Draw the line of symmetry as well.

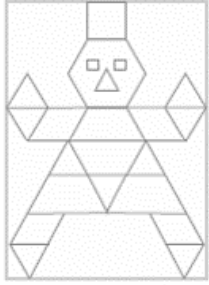


(a).



(b).

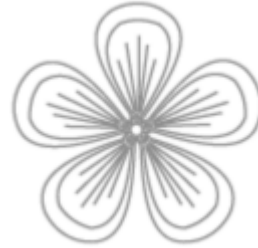
Q09. Find the number of lines of symmetry for each of the following shapes:



(a).



(b).



(c).

Q10. Consider the letters of English alphabets, A to Z. List among them the letters which have horizontal lines of symmetry (like B).

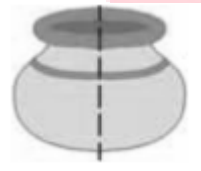
Q11. A figure has line symmetry if a line can be drawn dividing the figure into _____ identical parts.

Q12. The line symmetry is closely related to _____.

Q13. Identify the shapes given below. Check whether they are symmetric or not. Draw the line of symmetry as well.



(a).



(b).

Q14. Consider the letters of English alphabets, A to Z. List among them the letters which have no lines of symmetry (like Q).