



MATHS

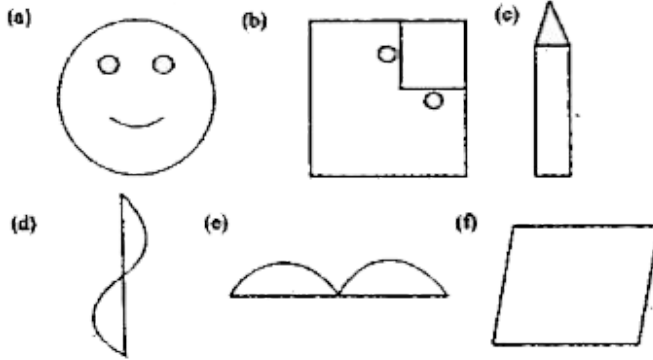
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SYMMETRY

Exercise 13 1

1. Classify the figure as symmetrical or non-symmetrical. Also draw the line/lines of

symmetry (if any).



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2. Which Capital letter of english.alphabet have:

No line of symmetry.



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3. Which Capital letter of english.alphabet have:

1 line of symmetry.



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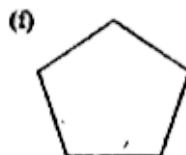
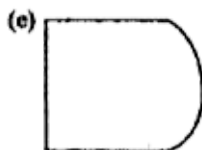
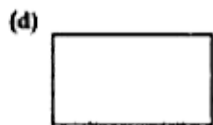
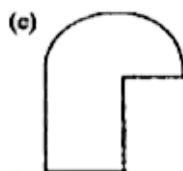
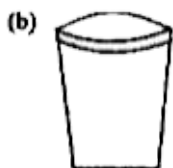
4. Which Capital letter of english.alphabet have:

infinite lines of symmetry.



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5. Find the number of line/lines of symmetry for the following:



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6. Draw the line (s) of symmetry in the following figures :

(a) Rhombus (b) Scalene Triangle

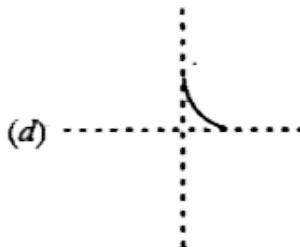
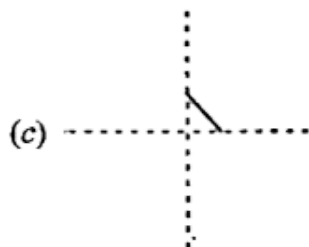
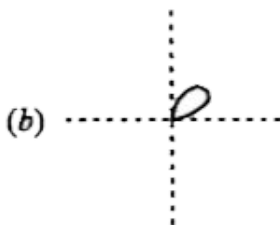
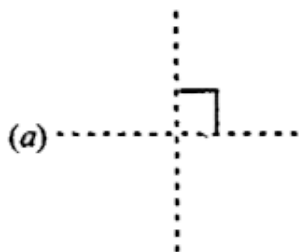
(c) Parallelogram (d) Rectangle

(e) Square (f) Regular Pentagon



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7. Complete each of the figure using both lines of symmetry.





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8. Can you draw a triangle which has:
no lines of symmetry?



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9. Can you draw a triangle which has:
exactly one line of symmetry?



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10. Can you draw a triangle which has:
exactly three lines of symmetry?



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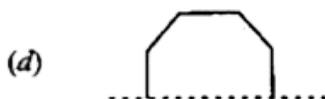
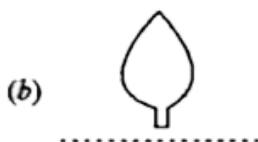
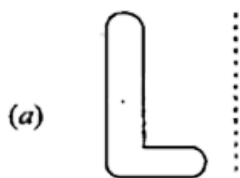
11. List any three symmetrical objects from
your day-do-day life.



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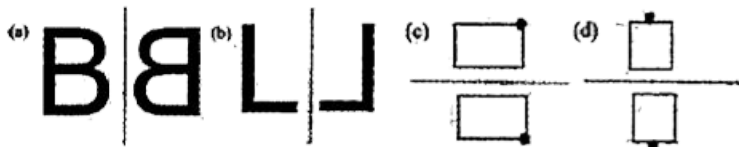
Exercise 13 2

1. Draw the reflection of following figures along the dotted line :



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2. Write 'yes' for right reflection and 'no' for wrong reflection :





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Multiple Choice Questions

1. An equilateral triangle has.....lines of symmetry.

A. 1

B. 3

C. 2

D. 4

Answer: B



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2. A rectangle has.....lines of symmetry.

A. 2

B. 3

C. 4

D. 1

Answer: A



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3. A square has..... lines of symmetry.

A. 1

B. 2

C. 3

D. 4

Answer: D



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4. An isosceles triangle has.....line(s) of symmetry.

A. 1

B. 2

C. 3

D. 4

Answer: A



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5. A circle has.....lines of symmetry.

A. 1

B. 2

C. 4

D. Infinite

Answer: D



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6. A rhombus has.....lines of symmetry.

A. 1

B. 2

C. 3

D. 4

Answer: B



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7. A regular pentagon has lines of symmetry.

A. 3

B. 2

C. 6

D. 5

Answer: C



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8. The mirror reflection, of name ARUN is

A. NUSA

B. NURA

C. NUAR

D. ARUN

Answer: B



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