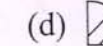
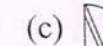
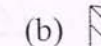
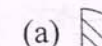
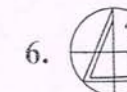
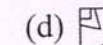
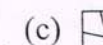
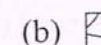
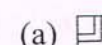
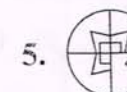
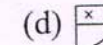
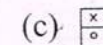
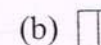
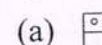
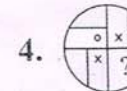
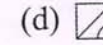
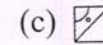
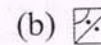
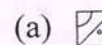
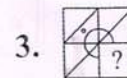
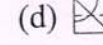
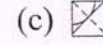
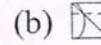
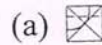
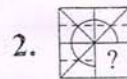
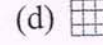
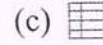
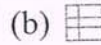
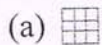
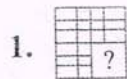




Here an incomplete figure is given in which a part (generally a quarter) is left blank. The candidate has to select the answer from the options which fits into the blank space so that the main figure gets completed.

Tick (✓) the figure from the options which replaces the question mark in the given figure.





Gurukul & Chandraketu Pandya English Medium School
Shri Rajanikant Vyas & Chandraketu Pandya English Medium Higher Secondary School
 (Pre-Primary, Primary, Secondary & Higher Secondary - Science and Commerce Stream)

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TD: 5
 UB: Aptitude

F.A.: 4 Assignment. Chap-19, 20, 21, 22, 18

Mohit is son of Mr. Gupta. Mohit is 15 years old. Mr Gupta is three times older than Mohit. How old was Mr. Gupta when Mohit was born?
 _____ years.

Juhi, Sareena and Kirti are cousins. Juhi is 8 years old. Sareena is three times as old as Juhi. Also Kirti is half as old as Sareena. How old is Kirti?
 _____ years.

Jatinder, Rahul and Kabir are workers in a company. Jatinder is 25 years old and Kabir is twice as old as Jatinder. Rahul is 5 years younger than Kabir. How old is Rahul?
 _____ years.

Johanlal is 60 years old. Mr. Lal is 10 years younger than him. Mr. Jatin is half as old as Mr. Lal. How old is Mr. Jatin?
 _____ years.

Promilla is 14 years old. Her brother Sanjay is 4 years older than her. Her mother, Mrs. Sujata is three times as old as her son Sanjay. How old is Mrs. Sujata?
 _____ years.

Harshit's father is 49 years old. He is seven times as old as Harshit. How old will be Harshit three years from now?
 _____ years.

Smallest and Greatest Numbers - 1

Make the greatest and smallest number of 5 digits using the following digits. Repetition is not allowed.

1. 7, 5, 2, 1 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	2. 3, 5, 2, 4 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	3. 7, 3, 1, 2 and 4 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]
---	---	---

Make the greatest and smallest number of 6 digits using the following digits. Repetition is not allowed.

4. 1, 6, 5, 3, 4 and 8 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]	5. 7, 2, 3, 4, 1 and 5 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]	6. 2, 5, 4, 1, 9 and 8 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]
--	--	--

Make the greatest and smallest number of 5 digits using the following digits. Repetition is allowed.

7. 6, 2, 1 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	8. 1, 3, 7 and 9 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	9. 2, 5, and 7 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]
--	--	--

Smallest and Greatest Numbers - 2

Make the greatest and smallest number of 5 digits using the following digits. Repetition is not allowed.

1. 2, 5, 1, 0 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	2. 3, 0, 9, 4 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	3. 7, 2, 3, 1 and 0 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]
---	---	---

Make the greatest and smallest number of 6 digits using the following digits. Repetition is not allowed.

4. 6, 5, 7, 0, 1 and 8 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]	5. 1, 2, 8, 0, 3 and 5 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]	6. 5, 2, 4, 9, 7 and 0 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]
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Make the greatest and smallest number of 5 digits using the following digits. Repetition is allowed.

7. 2, 0, 6 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	8. 4, 3, 0 and 9 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	9. 3, 5, and 0 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]
--	--	--

Smallest and Greatest Numbers - 3

- Greatest and smallest 4 digit number with different digits.
 Greatest: [][][][] Smallest: [][][][]
- Smallest 4 digit number, greater than 3000, but with different digits.
 [][][][]
- Greatest 4 digit number, smaller than 7254, but with all digit same.
 [][][][]
- Greatest and smallest 5 digit number, with different digits.
 Greatest: [][][][][] Smallest: [][][][][]
- Greatest and smallest 5 digit number, smaller than 82963 using digits 7, 8 and 9. (No repetition)
 Greatest: [][][][][] Smallest: [][][][][]
- Smallest 5 digit number, greater than 24683, with no digit repeated.
 [][][][][]
- Largest 5-digit number, greater than 98726 with no digit repeated.
 [][][][][]
- Greatest 6-digit even number with all digits same.
 [][][][][][][]

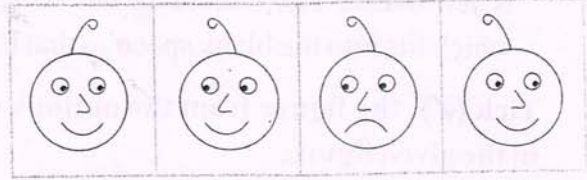
Mirror Image - 1

Tick (✓) the correct mirror image of the given figure.

ter)
ons

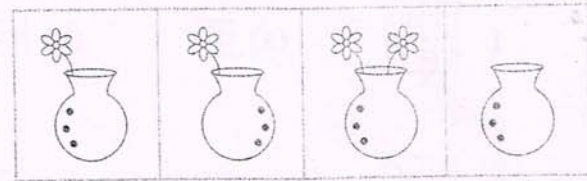
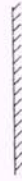
mark

1.



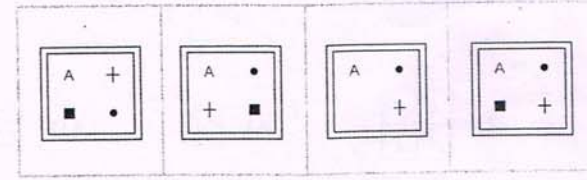
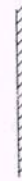
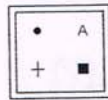
(a) (b) (c) (d)

2.



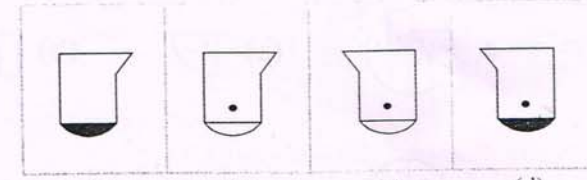
(a) (b) (c) (d)

3.



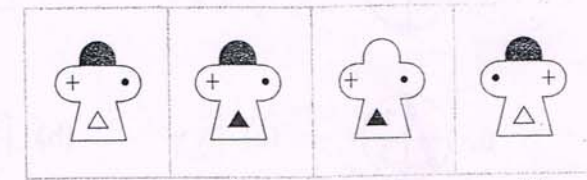
(a) (b) (c) (d)

4.



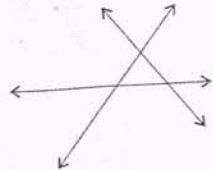
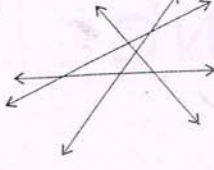
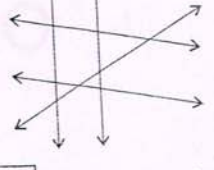
(a) (b) (c) (d)

5.



(a) (b) (c) (d)

In how many points do the following lines meet? Fill in the boxes.

<p>1.</p>  <p><input type="text"/> Lines meet in <input type="text"/> points.</p>	<p>2.</p>  <p><input type="text"/> Lines meet in <input type="text"/> points.</p>	<p>3.</p>  <p><input type="text"/> Lines meet in <input type="text"/> points.</p>
--	---	--

By drawing figures show the following.

<p>4.</p> <p>4 lines meeting in 1 point.</p>	<p>5.</p> <p>4 lines meeting in 3 points.</p>	<p>6.</p> <p>4 lines meeting in 4 points.</p>
<p>7.</p> <p>5 lines meeting in 4 points.</p>	<p>8.</p> <p>5 lines meeting in 5 points.</p>	<p>9.</p> <p>5 lines meeting in 9 points.</p>

Mirror Image - 2

Draw the mirror image of the following words.

1. ORANGE

2. CRICKET

3. PIZZA

Write the words whose mirror images are given.

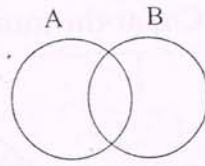
4. IAMBAL

5. APAPAY

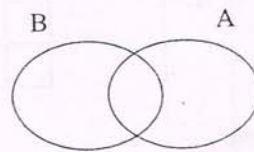
6. YRRYF

SHADING PARTS OF FIGURES

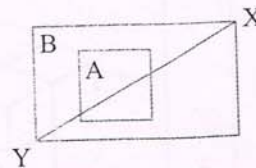
1. A and B are two overlapping circles. Shade the common part of the two circles.



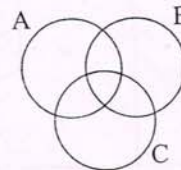
2. A and B are two overlapping ovals. Shade the part A which is not common with B.



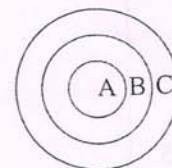
3. Square A lies inside rectangle B. XY is diagonal of the rectangle. Shade the part of the rectangle above the diagonal XY which does not lie in the square.



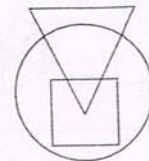
4. A, B and C are three intersecting circles. Shade the part of circle A which it does not share with either B or C or both.



5. A, B and C are three concentric circles. Shade the part of C which it share with B but not with A.



6. A circle, a square and a triangle are drawn as shown. Shade the part which is common to all three of them.





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TD: 5
 UB: Aptitude

F.A.: 4 Assignment Chap. 19, 20, 21, 22, 1

Mohit is son of Mr. Gupta. Mohit is 15 years old. Mr Gupta is three times older than Mohit. How old was Mr. Gupta when Mohit was born?
 _____ years.

Juhi, Sareena and Kirti are cousins. Juhi is 8 years old. Sareena is three times as old as Juhi. Also Kirti is half as old as Sareena. How old is Kirti?
 _____ years.

Jatinder, Rahul and Kabir are workers in a company. Jatinder is 25 years old and Kabir is twice as old as Jatinder. Rahul is 5 years younger than Kabir. How old is Rahul?
 _____ years.

Johanlal is 60 years old. Mr. Lal is 10 years younger than him. Mr. Jatin is half as old as Mr. Lal. How old is Mr. Jatin?
 _____ years.

Promilla is 14 years old. Her brother Sanjay is 4 years older than her. Her mother, Mrs. Sujata is three times as old as her son Sanjay. How old is Mrs. Sujata?
 _____ years.

Harshit's father is 49 years old. He is seven times as old as Harshit. How old will be Harshit three years from now?
 _____ years.

Smallest and Greatest Numbers - 1

Make the greatest and smallest number of 5 digits using the following digits. Repetition is not allowed.

1. 7, 5, 2, 1 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	2. 3, 5, 2, 4 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	3. 7, 3, 1, 2 and 4 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]
---	---	---

Make the greatest and smallest number of 6 digits using the following digits. Repetition is not allowed.

4. 1, 6, 5, 3, 4 and 8 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]	5. 7, 2, 3, 4, 1 and 5 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]	6. 2, 5, 4, 1, 3 and 6 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]
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Make the greatest and smallest number of 5 digits using the following digits. Repetition is allowed.

7. 6, 2, 1 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	8. 1, 3, 7 and 9 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	9. 2, 5, and 4 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]
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Smallest and Greatest Numbers - 2

Make the greatest and smallest number of 5 digits using the following digits. Repetition is not allowed.

1. 2, 5, 0 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	2. 3, 0, 9, 4 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	3. 7, 2, 3, 1 and 0 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]
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Make the greatest and smallest number of 6 digits using the following digits. Repetition is not allowed.

4. 6, 5, 7, 0, 1 and 8 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]	5. 1, 2, 8, 0, 3 and 5 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]	6. 5, 2, 4, 9, 7 and 0 Greatest L TTh Th H T O [][][][][][] Smallest L TTh Th H T O [][][][][][]
--	--	--

Make the greatest and smallest number of 5 digits using the following digits. Repetition is allowed.

7. 2, 0, 6 and 8 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	8. 4, 3, 0 and 9 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]	9. 3, 5, and 0 Greatest TTh Th H T O [][][][][] Smallest TTh Th H T O [][][][][]
--	--	--

Smallest and Greatest Numbers - 3

- Greatest and smallest 4 digit number with different digits.
 Greatest: [][][][] Smallest: [][][][]
- Smallest 4 digit number, greater than 3000, but with different digits.
 [][][][]
- Greatest 4 digit number, smaller than 7254, but with all digit same.
 [][][][]
- Greatest and smallest 5 digit number, with different digits.
 Greatest: [][][][][] Smallest: [][][][][]
- Greatest and smallest 5 digit number, smaller than 82963 using only 7, 8 and 9. (No repetition)
 Greatest: [][][][][] Smallest: [][][][][]
- Smallest 5 digit number, greater than 24683, with no digit repeated.
 [][][][][]
- Largest 5-digit number, greater than 98726 with no digit repeated.
 [][][][][]

Addition

Supply the missing numbers.

1. $\begin{array}{r} \square 3 \square 1 \\ + \square 3 \square \\ \hline 398 \end{array}$ 2. $\begin{array}{r} 627 \square \\ + \square \square \square 3 \\ \hline 9484 \end{array}$ 3. $\begin{array}{r} 2 \square \square 2 \\ + \square 437 \\ \hline 444 \end{array}$ 4. $\begin{array}{r} 3 \square 02 \\ + 225 \square \\ \hline \square 93 \end{array}$

5. $\begin{array}{r} 72 \square 8 \\ + 52 \square 1 \\ \hline \square 798 \end{array}$ 6. $\begin{array}{r} 4 \square 6 \square 8 \\ + 3316 \square \\ \hline \square 999 \end{array}$ 7. $\begin{array}{r} 55 \square 42 \\ + \square \square 04 \\ \hline 8938 \end{array}$

8. $\begin{array}{r} \square 1 \square \\ + 4 \square 32 \\ \hline 575 \end{array}$

9. $\begin{array}{r} \square 1 \square \\ + 238624 \\ \hline \square 8697 \end{array}$

10. $\begin{array}{r} \square 1 \square \\ + 28262 \\ \hline 3 \square 65 \end{array}$

11. $\begin{array}{r} \square 1 \square \\ + 424292 \\ \hline \square 167 \end{array}$

12. $\begin{array}{r} \square 1 \square \\ + 2 \square 542 \\ \hline \square 80 \end{array}$

13. $\begin{array}{r} \square 1 \square 1 \square \\ + 226324 \\ \hline \square 2019 \end{array}$

Subtraction

Supply the missing numbers.

1. $\begin{array}{r} 976 \\ - 2 \square 4 \\ \hline 264 \end{array}$ 2. $\begin{array}{r} 743 \\ - \square 1 \square \\ \hline 1 \square 1 \end{array}$ 3. $\begin{array}{r} 51 \square \\ - \square \square 62 \\ \hline 2101 \end{array}$

4. $\begin{array}{r} 7129 \\ - 5 \square \square 5 \\ \hline \square 1 \square \end{array}$ 5. $\begin{array}{r} 7 \square 29 \\ - \square 2045 \\ \hline 23 \square 1 \end{array}$ 6. $\begin{array}{r} 6398 \\ - 2 \square 3 \square \\ \hline \square 37 \end{array}$

7. $\begin{array}{r} 4 \square 35 \\ - \square 0 \square 2 \\ \hline 2112 \end{array}$ 8. $\begin{array}{r} 84 \square \\ - \square 30 \\ \hline 2993 \end{array}$ 9. $\begin{array}{r} 62 \square 4 \\ - \square \square 01 \\ \hline 393 \end{array}$

10. $\begin{array}{r} \square \square \square \\ - 17502 \\ \hline 30119 \end{array}$ 11. $\begin{array}{r} 897 \square \\ - \square \square 32 \\ \hline 59891 \end{array}$

12. $\begin{array}{r} 902863 \\ - 2 \square \square \square 2 \\ \hline \square 4891 \end{array}$ 13. $\begin{array}{r} 754 \square \square \\ - \square \square 572 \\ \hline 281049 \end{array}$

Multiplication

Supply the missing numbers.

1. $\begin{array}{r} \square \square \\ 6 \square 2 \\ \times 5 \\ \hline 6 \square \end{array}$ 2. $\begin{array}{r} \square 1 \square 3 \\ 7 \square 15 \\ \times \square \\ \hline \square 2 \square 0 \end{array}$ 3. $\begin{array}{r} \square 621 \\ 8 \square \square 2 \\ \times 9 \\ \hline \square \square 58 \end{array}$

4. $\begin{array}{r} \square 2 \\ 7 \square 1 \square 5 \\ \times \square \\ \hline 8 \square 60 \end{array}$ 5. $\begin{array}{r} \square 1 \square \\ 3 \square \square 16 \\ \times 5 \\ \hline \square 058 \end{array}$ 6. $\begin{array}{r} \square 4 \square 1 \\ \square 0 \square 6 \\ \times 6 \\ \hline 12 \square 58 \end{array}$

7. $\begin{array}{r} \square 613 \\ 2 \square \square \square \\ \times 7 \\ \hline 405 \end{array}$ 8. $\begin{array}{r} \square 1 \square \square 4 \\ 2 \square 93 \square \\ \times 8 \\ \hline \square \square 5 \square 8 \end{array}$ 9. $\begin{array}{r} \square 1 \square 26 \\ \square \square 3 \square \\ \times 9 \\ \hline 46143 \end{array}$

10. $\begin{array}{r} \square 1 \square \square \\ \square \square 562 \\ \times 4 \\ \hline 938 \square \square \end{array}$ 11. $\begin{array}{r} \square \square 1 \square \square \\ 723 \square 54 \\ \times 8 \\ \hline \square \square \square 2 \square \end{array}$

Division

Supply the missing numbers.

1. $\begin{array}{r} 3 \square \square 6 \\ 6 \overline{) 23 \square \square 6} \\ \underline{\square \square} \\ \square 5 \\ \underline{\square \square} \\ \square 15 \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \square \square \end{array}$ 2. $\begin{array}{r} \square \square \square \square \\ 7 \overline{) 62 \square \square \square} \\ \underline{\square \square} \\ \square \square 2 \\ \underline{\square \square} \\ \square \square 9 \\ \underline{\square \square} \\ \square \square 3 \\ \underline{\square \square} \\ \square \square \end{array}$

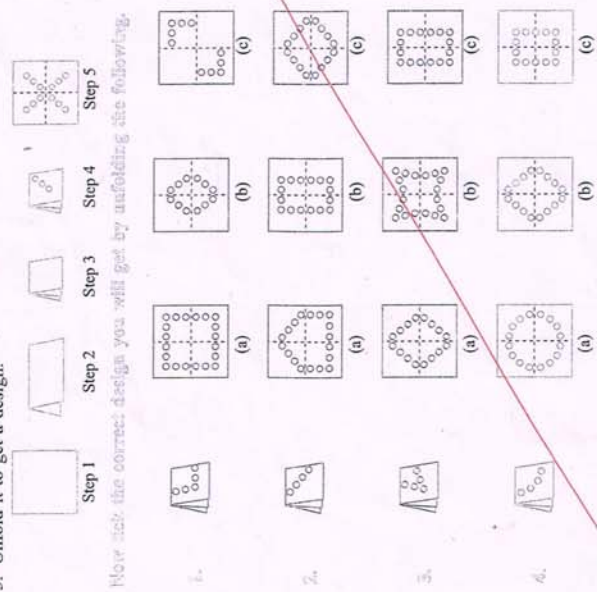
3. $\begin{array}{r} \square \square \square \square \\ 8 \overline{) \square \square \square \square} \\ \underline{40} \\ \square 8 \\ \underline{\square \square} \\ \square 2 \\ \underline{\square \square} \\ \square 4 \\ \underline{\square \square} \\ \square \square \end{array}$ 4. $\begin{array}{r} 8 \square \square \square 4 \\ 9 \overline{) \square \square \square \square 6} \\ \underline{\square \square} \\ \square \square 19 \\ \underline{\square \square} \\ \square \square 5 \\ \underline{\square \square} \\ \square \square 6 \\ \underline{\square \square} \\ \square \square \end{array}$

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DESIGNS

Designs by Punching Holes

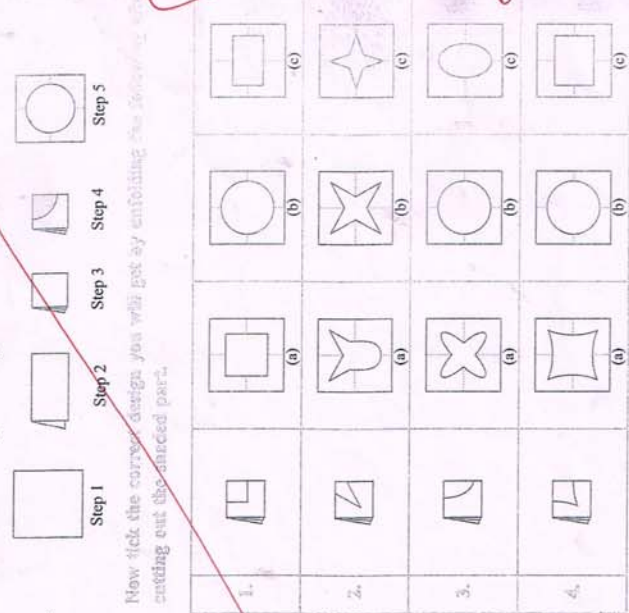
1. Take a piece of paper.
2. Fold it from the center.
3. Again fold it from the center.
4. Now punch holes using a punching machine.
5. Unfold it to get a design.



Now tick the correct design you will get by unfolding the following.

Designs by Paper Cutting

1. Take a piece of paper.
2. Fold it from the center.
3. Again fold it from the center.
4. Using a scissor, cut out a part (shown shaded).
5. Now unfold it to get a design.



Now tick the correct design you will get by unfolding the following.