



FA-IV worksheet 2013-14

class - III

subject - MAtHs

Q.1 Write down the difference between cube and cuboid, draw diagram and write 2-2 examples of each -

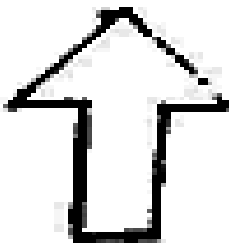
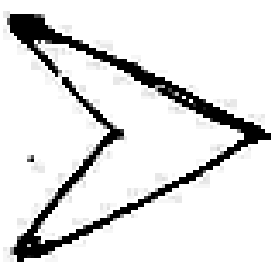

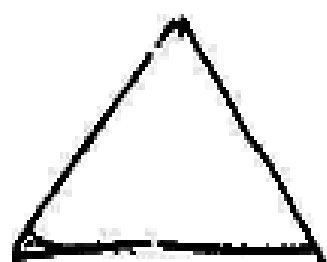

| | Cube | Cuboid |
|----|------------|--------------|
| 1. | Diagram - | 1. Diagram - |
| 2. | Edge - | 2. |
| 3. | Surface - | 3. |
| 4. | Vertex - | 4. |
| 5. | Examples - | |

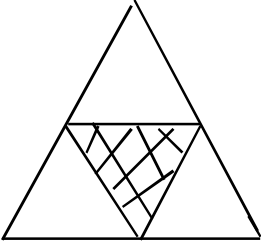
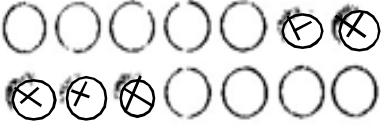
Q.2 Draw the given types of lines -

- Straight / Horizontal line -
- Vertical line -
- Slant line -
- Curved line -

- i) AB , BC , CD , _____ , _____ , _____ , _____
- ii) 2 , 12 , 22 , 32 , _____ , _____ , _____ , _____
- iii) 50 , 100 , 150 , _____ , _____ , _____ , 350 , 400
- iv) 2 , 4 , 7 , 11 , _____ , _____ , _____ , _____
- v) 824 , 724 , 624 , _____ , _____ , _____
- vi) \triangle , \square , \bigcirc , \triangle , \square , _____ , _____ , _____
- vii) \uparrow , \leftarrow , \downarrow , \rightarrow , _____ , _____ , _____
- viii) \sim , \wedge , \vee , ∇ , _____ , _____
- ix) 70 , 60 , 50 , _____ , _____ , _____
- x) 24 , 32 , 40 , _____ , _____ , _____

Q.4 Draw line of symmetry -

- i) 
- ii) 
- iii) 
- iv) 
- v) 

| | Shaded parts (Numerator) | Total parts (Denominator) | Fraction of Shaded parts |
|---|-----------------------------|------------------------------|-----------------------------|
|  | | | |
|  | | | |

| Fraction | Fractional number | Fraction | Fractional number |
|-----------------|-------------------|---------------|-------------------|
| $\frac{11}{20}$ | | $\frac{3}{5}$ | three-fifths |
| $\frac{3}{13}$ | | | two-ninths |

Q.6 Write correct fraction -

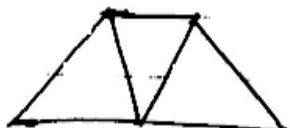
- Karan coloured 4 out of 8 candles - _____
- Day completed 4 out of 9 sums in maths. The fraction of sums not completed - _____
- $\frac{1}{2}$ of 40 = _____
- $\frac{1}{3}$ of 18 = _____
- Sita has 12 note books, she gave $\frac{1}{2}$ (one half) of them to her sister. How many notebooks did she give her sister ?

i) $\frac{2}{3}$



One-half

ii) $\frac{3}{4}$



One - fourths

iii) $\frac{1}{2}$



Three - fourths

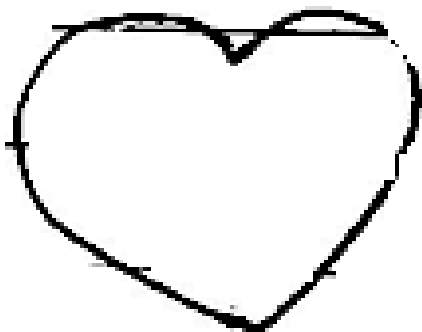
iv) $\frac{1}{4}$



Two - thirds

Q.8 Colour $\frac{1}{2}$ (one half) of the following -

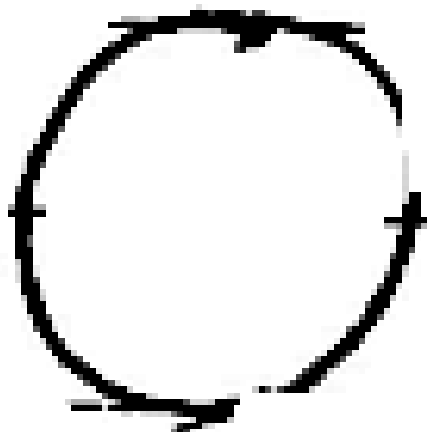
i)



ii)

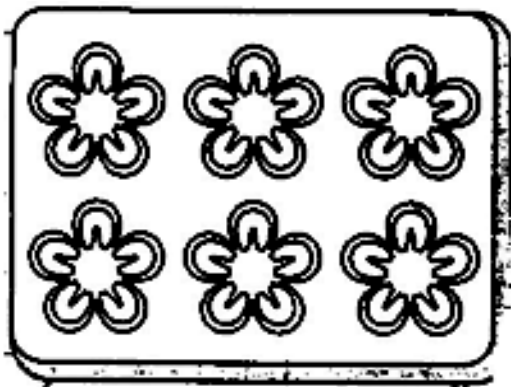


iii)

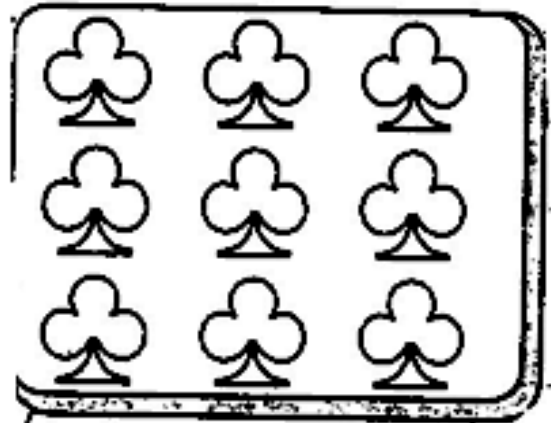


iv)



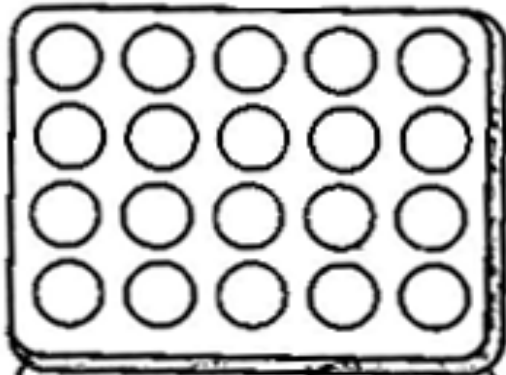


$$\frac{1}{3} \text{ of } 6 =$$

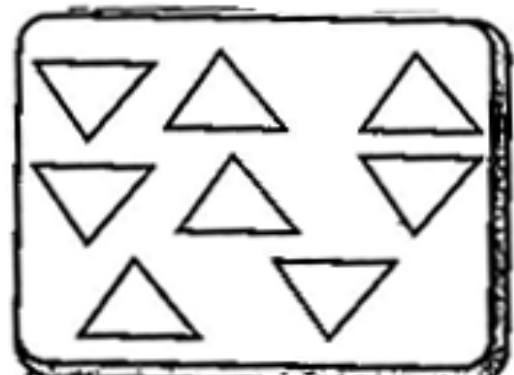


$$\frac{1}{3} \text{ of } 9 =$$

Colour $\frac{1}{2}$ (one fourths) of the collection -



$$\frac{1}{4} \text{ of } 20 =$$



$$\frac{1}{4} \text{ of } 8 =$$

Q.10 Fill in the blanks -

- i) Total parts of a fraction called _____
- ii) _____ fourths make a whole.
- iii) _____ halves make a whole.
- iv) The fraction of two - thirds is _____

- v) In the fraction $\frac{7}{9}$, 7 is the _____
- vi) $\frac{1}{2}$ of 20 is _____
- vii) A _____ has 3 sides and 3 corners.
- viii) A circle has _____ corners.
- ix) In a rectangle, the _____ sides are equal.
- x) Every face of a _____ is a rectangle.
- xi) A cone has _____ faces, _____ edge and
_____ corner.
- xii) _____ is the surface of a solid.
- xiii) _____ is the point where 3 faces meet.
- xiv) _____ is formed when two surfaces or faces meet.
- xv) A _____ has a definite length and two end points.
- xvi) A cuboid has _____ faces, _____ edges and
_____ corners.