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Class 06 Sub-.Maths   Date 08.08..2021
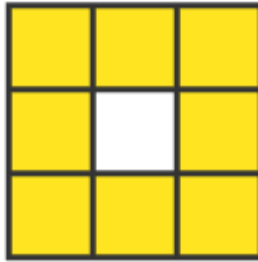
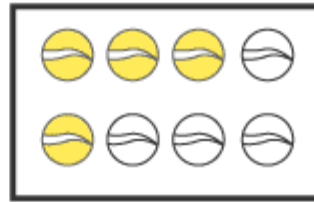Teacher Name –Krishna Kanhaiya

1. Write the fraction representing the shaded portion.
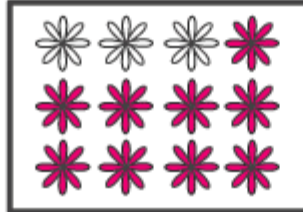

(i)   (ii)   (iii)   (iv)

(v)   (vi)   (vii)   (viii)

(ix)   (x)

Solutions:

(i) Number of parts = 4

Shaded portion = 2

∴ Fraction = 2 / 4

(ii) Number of parts = 9

Shaded portion = 8

∴ Fraction = 8 / 9

(iii) Number of parts = 8

Shaded portion = 4

∴ Fraction = 4 / 8

(iv) Number of parts = 4

Shaded portion = 1

∴ Fraction = 1 / 4

(v) Number of parts = 7

Shaded portion = 3

∴ Fraction = 3 / 7

(vi) Number of parts = 12

Shaded portion = 3

∴ Fraction = 3 / 12

(vii) Number of parts = 10

Shaded portion = 10

∴ Fraction = 10 / 10

(viii) Number of parts = 9

Shaded portion = 4

∴ Fraction = 4 / 9

(ix) Number of parts = 8

Shaded portion = 4

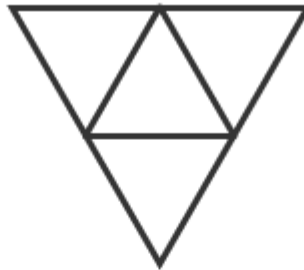∴ Fraction = 4 / 8

(x) Number of parts = 2

Shaded portion = 1

∴ Fraction = 1 / 2

2. Colour the part according to the given fraction.
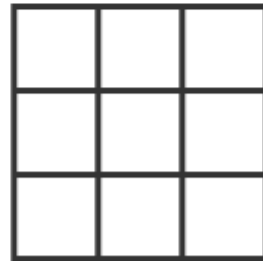

(i) $\dfrac{1}{6}$ (ii) $\dfrac{1}{4}$ (iii) $\dfrac{1}{3}$

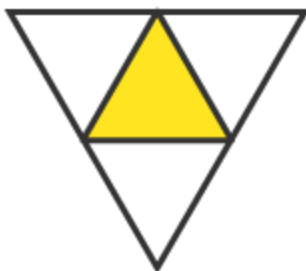(iv) $\dfrac{3}{4}$ (v) $\dfrac{4}{9}$

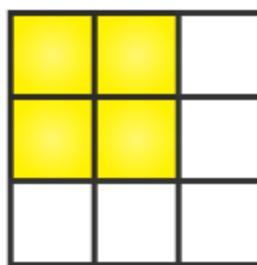**Solutions:**

(i) $\frac{1}{6}$

(ii) $\frac{1}{4}$

(iii) $\frac{1}{3}$
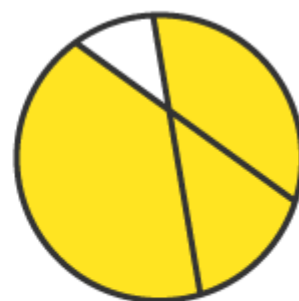
(iv) $\frac{3}{4}$

(v) $\frac{4}{9}$

3. Identify the error, if any.

This is $\frac{1}{2}$

This is $\frac{1}{4}$

This is $\frac{3}{4}$

Solutions:

(i) The shaded portion is not half

Hence, this is not 1 / 2

(ii) Since, the parts are not equal

∴ Shaded portion is not 1 / 4

(iii) Since, the parts are not equal

∴ Shaded portion is not 3 / 4

4. What fraction of a day is 8 hours?

Solutions:

There are 24 hours in a day

We have 8 hours

Hence, required fraction is 8 / 24