

FRACTIONS

A. Tick (✓) the correct option.

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1. Rekki had 6 pencils. He gave 2 pencils to his friend. The fraction of pencils he gave away is _____

a. $\frac{2}{6}$

b. $\frac{4}{6}$

c. $\frac{2}{4}$

2. Which figure shows the fraction $\frac{5}{6}$?



3. One-third of 15 shirts were blue. How many shirts were blue?

a. 5

b. 3

c. $\frac{1}{3}$

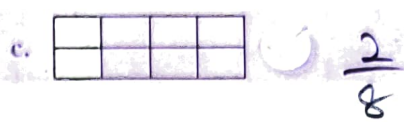
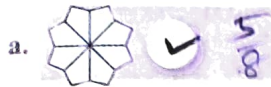
4. There were 9 ladybirds on a banana leaf. 5 crawled away. What fraction of ladybirds are left on the leaf?

a. $\frac{5}{9}$

b. $\frac{4}{9}$

c. $\frac{1}{9}$

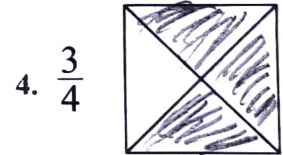
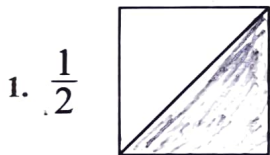
5. Which figure shows the fraction $\frac{5}{8}$?



B. Fill in the table.

Number of blue parts	1	5	1	4
Number of pink parts	1	3	5	3
Number of parts in all	2	8	6	7
Fraction of blue parts	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{1}{6}$	$\frac{4}{7}$
Fraction of pink parts	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{6}$	$\frac{3}{7}$

C. Shade the figure according to the given fraction.



D. Look at the collection of stars and answer the following questions.

1. Total number of stars

24

2. Fraction of red stars

$\frac{6}{24}$

3. Fraction of yellow stars

$\frac{2}{24}$

4. Fraction of green stars

$\frac{8}{24}$

5. Number of stars uncoloured

7

6. Fraction of uncoloured stars

$\frac{7}{24}$



E. Solve.

1. $\frac{1}{3}$ of 12 = $12 \div 3 = 4$

3. $\frac{1}{4}$ of 36 = $36 \div 4 = 9$

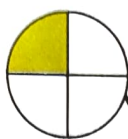
5. $\frac{1}{2}$ of 50 = $50 \div 2 = 25$


2. $\frac{1}{3}$ of 24 = $24 \div 3 = 8$

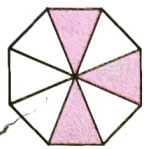
4. $\frac{1}{4}$ of 40 = $40 \div 4 = 10$


6. $\frac{1}{2}$ of 100 = $100 \div 2 = 50$

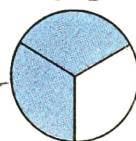
F. Match the columns.

1. $\frac{1}{2}$  three-eighths

2. $\frac{1}{4}$  two-thirds

3. $\frac{3}{4}$  one-fourth

4. $\frac{2}{3}$  three-fourths

5. $\frac{3}{8}$  one half

DATA HANDLING

A. The data below shows the number of students of each class in your school that participated in various cultural events during the annual function.

CLASS	I	II	III	IV	V
Drama	2	2	4	5	3
Fancy dress	8	6	7	1	—
Dancing	3	2	7	9	8
Drawing	4	10	12	10	14
Debate	—	5	1	7	9

$17 + 29 + 31 + 32 + 34 =$

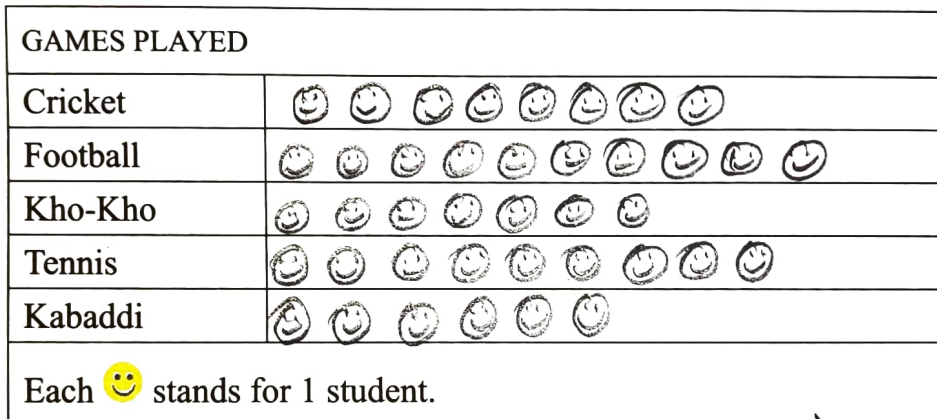
Now answer the following questions.

- Which class or classes participated in all the 5 events? *Class - II, III & IV*
- Which event has the most participants? *Drawing*
- Which class has the most number of students that participated in these events and how many? *Class - V, 34 students*
- How many students participated in all from the five classes?

B. The children in a locality play different games. $17 + 25 + 31 + 32 + 34 = 139$

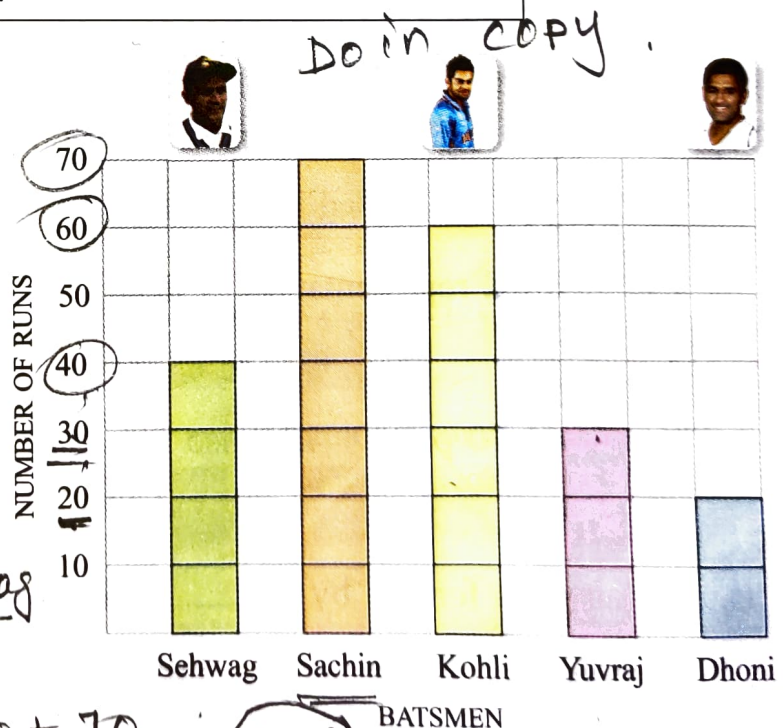
Games Played	CRICKET	FOOTBALL	KHO-KHO	TENNIS	KABADDI
Number of children	8	10	7	9	6

Use the information in the table above to make a pictograph.



C. The bar graph shows the runs scored by five batsmen in a one-day match. Study the bar graph and answer these questions.

- Who scored the most runs?
- What are the minimum runs scored? *20 (Dhoni)*



- Who scored more runs— Sehwag or Yuvraj? *Sehwag*
- What is the total number of runs scored by these batsmen?

$$20 + 30 + 40 + 60 + 70 = 220$$

how many more?

$$40 - 30 = 10 \text{ runs}$$