



INDIAN SCHOOL NIZWA WORK SHEET

MATHEMATICS CH. 4 - Parts and Wholes

NAME:..... DATE:.....CLASS: V / SEC.....

1. In a school, $\frac{7}{12}$ of the students are boys. If school has 1176 students on the roll, calculate the number of girls in the school.

2. Yuvraj hits 15 sixes in 60 balls he faced. Sachin hits $\frac{1}{5}$ of the sixes of 110 balls he faced. Who has hit more sixes?

3. Find the fraction equivalent to $\frac{5}{7}$ with: a) numerator 25 b) denominator 42.

4. Fill appropriate sign $<$, $>$, $=$ in the blank space.

$\frac{1}{3} - \frac{1}{5}$	$\frac{2}{4} - \frac{10}{20}$	$\frac{9}{15} - \frac{13}{15}$	$\frac{7}{8} - \frac{5}{6}$
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5. Express $\frac{23}{5}$ as mixed fraction.
6. Express $6\frac{2}{5}$ as improper fraction.
7. Ravish exercised for $\frac{3}{6}$ of an hour, while Rohit exercised for $\frac{3}{4}$ of an hour. Who exercised for a longer time?
8. Draw a flower of 5 petals. Shade $\frac{2}{5}$ of it as red, $\frac{1}{5}$ of it as pink and rest of the petals as purple. What part of the flower is coloured as purple?
9. A cake was divided into 12 pieces. Ram ate $\frac{1}{6}$ of the cake, Arjun ate $\frac{1}{4}$ of the cake and Rashi ate $\frac{1}{3}$ of it. How many pieces did each of them eat? How many pieces were left?



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10. Find.

- a) How many of one fourth will make half?
- b) How many of one eighth will make one fourth?
- c) How many of one eighth will make one half?

11. Make a bill for the following shopping list :-

Item	Quantity	Price per kg	Total amount
Sugar	$3 \frac{1}{2}$	₹ 32	
Wheat	$5 \frac{1}{2}$	₹ 20	
Rice	$6 \frac{3}{4}$	₹ 24	
Oil	$5 \frac{1}{2}$	₹ 120	

12 Divide a rectangle into 8 equal parts in four different ways.

13. Draw grid of 36 squares and make patterns with



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$\frac{1}{6}$ green, $\frac{1}{6}$ blue, $\frac{1}{3}$ red, $\frac{1}{4}$ yellow

14. Find

a. $\frac{3}{4}$ of 36.

b. $\frac{5}{9}$ of 54.

c. $\frac{4}{3}$ of dozen.

d. $\frac{1}{4}$ of a day (in hours).

15. Write first ten equivalent fractions of

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

b. $\frac{4}{3}$,

c. $\frac{12}{13}$,