

Fractions and Decimals: Worksheet -2

1. Which of the following is the equivalent fraction of $\frac{3}{4}$ with numerator 18 ? []

- a) $\frac{18}{12}$ b) $\frac{18}{20}$ c) $\frac{18}{4}$ d) $\frac{18}{24}$

2. Which of the following is the perimeter of the rectangle of length $\frac{3}{4}$ m & breadth $\frac{1}{4}$ m? []

- a) 2 m b) 1 m c) $\frac{3}{8}$ m d) 4m

3. In a class of 40 students, $\frac{3}{5}$ of the total number of students are girls. How many Students of the class are boys? []

- a) 24 b) 20 c) 16 d) 15

4. A car runs 16 km using 1 litre of petrol. How much distance will it cover using 2.5 litres of petrol? []

- a) 16km b) 40km c) 32km d) 50km

5. The sum of two rational numbers is -5. If one of the numbers is $-\frac{11}{6}$ find the other []

- a) $-\frac{19}{6}$ b) $-\frac{17}{6}$ c) $-\frac{13}{6}$ d) none

6. How many $\frac{1}{8}$'s are there in $37\frac{1}{2}$? []

- a) 300 b) 400 c) 500 d) cannot be determined

7. Ascending order of $\frac{3}{4}, \frac{1}{3}, \frac{5}{6}$ is _____ []

- a) $\frac{3}{4} < \frac{5}{6} < \frac{1}{3}$ b) $\frac{1}{3} < \frac{5}{6} < \frac{3}{4}$ c) $\frac{1}{3} < \frac{3}{4} < \frac{5}{6}$ d) $\frac{5}{6} < \frac{3}{4} < \frac{1}{3}$

8. Defined A and B as $A @ B = \frac{A}{B} + A.B$ then $20 @ (4 @ 2)$ []

- a) 200 b) 201 c) 202 d) 205 e) None

