

### Fractions and Decimals: Worksheet -1

1. What fraction of a day is 8 hours? [      ]  
 (i)  $\frac{1}{2}$                       (ii)  $\frac{1}{3}$                       (iii)  $\frac{1}{4}$                       (iv)  $\frac{2}{3}$
2. What fraction of the numbers from 2 to 12 are prime numbers? [      ]  
 (i)  $\frac{1}{11}$                       (ii)  $\frac{10}{11}$                       (iii)  $\frac{5}{11}$                       (iv)  $\frac{6}{11}$
3. What fraction of the given figure is shaded? [      ]  
 (i)  $\frac{1}{2}$                       (ii)  $\frac{1}{3}$                       (iii)  $\frac{1}{4}$                       (iv)  $\frac{2}{3}$
4. Which of the following is a proper fraction? [      ]  
 (i)  $\frac{5}{4}$                       (ii)  $\frac{1}{4}$                       (iii)  $\frac{11}{4}$                       (iv)  $\frac{12}{4}$
5. Which of the following is the equivalent fraction for  $\frac{2}{3}$  with denominator 18? [      ]  
 (i)  $\frac{9}{18}$                       (ii)  $\frac{10}{18}$                       (iii)  $\frac{11}{18}$                       (iv)  $\frac{12}{18}$
6. Which of the following is the equivalent fraction of  $\frac{3}{5}$  with denominator 50 ? [      ]  
 (i)  $\frac{20}{50}$                       (ii)  $\frac{30}{50}$                       (iii)  $\frac{40}{50}$                       (iv)  $\frac{50}{50}$
7. Out of these are proper fractional numbers ? [      ]  
 (i)  $\frac{3}{2}$                       (ii)  $\frac{2}{5}$                       (iii)  $\frac{9}{7}$                       (iv)  $\frac{8}{3}$
8. Which of these are improper fractional number ? [      ]  
 (i)  $\frac{2}{7}$                       (ii)  $\frac{2}{7}$                       (iii)  $\frac{9}{11}$                       (iv)  $\frac{13}{2}$
9. Pick out the mixed fractions from these: [      ]  
 (i)  $\frac{3}{5}$                       (ii)  $1\frac{2}{7}$                       (iii)  $\frac{7}{2}$                       (iv)  $\frac{3}{5}$
10. What fraction of a minute in an hour? [      ]  
 (i)  $\frac{1}{24}$                       (ii)  $\frac{1}{30}$                       (iii)  $\frac{1}{60}$                       (iv)  $\frac{1}{12}$

