## Fractions Worksheet - 3

1. Reciprocal of $\frac{9}{12}$ is equal to $\qquad$ .
a) $\frac{12}{5}$
b) $\frac{9}{12}$
c) $\frac{12}{9}$
d) 1
2. Reciprocal of $\frac{9}{5}$ is equal to $\qquad$
a) $\frac{9}{5}$
b) $\frac{5}{9}$
c) 1
d) None of these
3. Reciprocal of $3 \frac{2}{5}$ is equal to $\qquad$ .
a) $\frac{17}{5}$
b) $3 \frac{2}{5}$
c) 1
d) $\frac{5}{17}$
4. $\frac{2}{3} \div \frac{5}{6}=$ $\qquad$
a) $\frac{5}{4}$
b) $\frac{5}{6}$
c) $\frac{4}{5}$
d) None of these
5. $8 \frac{2}{3} \div 2 \frac{5}{6}=$ $\qquad$
a) $\frac{52}{17}$
b) $\frac{17}{52}$
c) $\frac{17}{6}$
d) None of these
6. $45 \div 2 \frac{1}{2} \times 2 \frac{6}{7}=$ $\qquad$
a) $\frac{7}{360}$
b) $\quad 24 \frac{19}{23}$
c) $\frac{360}{7}$
d) None of these
7. 63 by $2 \frac{1}{4}$.
a) 73
b) $\quad 36$
c) 63
d) 72
8.0 by $3 \frac{1}{4}$.
a) 1
b) 3
c) 0
d) None of these
8. $45 \frac{3}{5}$ by 0 .
a) $162 \frac{5}{6}$
b) $162 \frac{6}{7}$
c) $\quad 165 \frac{6}{7}$
d) None of these
9. By what number should $9 \frac{3}{5}$ be multiplied to get 24 ?
a) $\frac{5}{6}$
b) $\frac{5}{2}$
c) $\frac{2}{5}$
d) None of these
10. By what number should $12 \frac{3}{5}$ be divided to get $3 \frac{2}{3}$ ?
a) $\frac{21}{5}$
b) $\frac{231}{5}$
c) $\frac{5}{231}$
d) None of these
11. 24 boxes of similar nut bolt weigh $6 \frac{6}{7} \mathrm{~kg}$. What is the weight of each box?
a) $\frac{2}{7} \mathrm{~kg}$
b) $\quad \frac{5}{2} \mathrm{~kg}$
c) $\quad \frac{7}{2} \mathrm{~kg}$
d) None of these
12. If a fraction $\frac{x}{y}$ is in lowest terms, then HCF of $x$ and $y$ is $\qquad$ .
a) $x$
b) $y$
c) 1
d) $x y$
13. Equivalent fraction of $2 \frac{2}{3}$
а) $\frac{2}{3}$
b) $\frac{4}{6}$
c) 1
d) $\frac{16}{6}$
14. A rope of length $5 \frac{2}{5}$ is cut into 10 equal pieces. What is the length of each piece?
a) $\frac{50}{27}$
b) $\frac{27}{50}$
c) $\frac{72}{50}$
d) None of these
15. Cost of a book is Rs. $25 \frac{3}{5}$, how many similar books can be purchased for Rs. 256 ?
a) 8
b) 10
c) 12
d) $\quad 15$
16. The cost of $6 \frac{1}{4} \mathrm{~kg}$ of oranges is Rs. 200. What is the cost of 4 kg oranges?
a) Rs. 32
b) Rs. 54
c) $\quad$ Rs. 72
d) Rs. 128
17. $64 \div \frac{1}{8}=$ $\qquad$ .
a) 512
b) 522
c) 532
d) None of these
18. The product of two numbers is $15 \frac{5}{6}$. If one of the number is $6 \frac{1}{3}$, then what is the other number?
a) $\frac{5}{3}$
b) $\frac{5}{6}$
c) $\frac{5}{2}$
d) None of these
19. Reciprocal of 1 is 0 . Mark True / False.
a) True
b) False
