



Year 7 Mathematics

Computations with Fractions and Decimals

Practice Test 2

Name _____

- Find the sum of 10.92, 0.89, 32 and 0.6
- Evaluate each difference
 - $76.029 - 8.914$
 - $4.31 - 2.183$
- Evaluate each expression
 - 13.69×100
 - 2.54×1000
 - $13.69 \div 10$
 - $2.54 \div 100$
- Given that $17 \times 12 = 204$ find
 - 1.7×12
 - 1.7×1.2
- Given that $23 \times 47 = 1081$ find
 - 2.3×4.7
 - 23×0.47
- Evaluate each product
 - 3.06×4.8
 - 0.6×4.1
- Evaluate each quotient
 - $10 \div 4$
 - $0.018 \div 6$
 - $2.66 \div 8$
- Evaluate each of the following
 - $0.4 \div 0.2$
 - $1.75 \div 0.5$
 - $122.4 \div 0.03$
- Find
 - $\frac{1}{5} + \frac{2}{5}$
 - $\frac{7}{10} - \frac{5}{10}$
- Find
 - $\frac{1}{4} + \frac{6}{5}$
 - $\frac{2}{5} - \frac{3}{20}$

11. Find

a) $6\frac{1}{3} + 4\frac{1}{2}$

b) $10\frac{3}{4} - 3\frac{2}{5}$

12. Find

a) $7 - \frac{3}{5}$

b) $5\frac{2}{3} - 3\frac{3}{4}$

13. Find

a) $\frac{1}{4} \times 28$

b) $\frac{2}{3}$ of 30

14. Find

a) $\frac{1}{10}$ of 2 km (in metres)

b) $\frac{3}{5}$ of 1 hour

15. Evaluate each product

a) $\frac{3}{5} \times \frac{7}{8}$

b) $\frac{3}{5} \times \frac{4}{9}$

c) $\frac{21}{100} \times \frac{8}{15}$

16. Simplify $3\frac{2}{5} \times 1\frac{2}{3}$

17. Evaluate each quotient

a) $2 \div \frac{1}{3}$

b) $\frac{3}{4} \div \frac{1}{2}$

a) $\frac{7}{3} \div \frac{5}{6}$

b) $\frac{5}{7} \div 5$

18. Simplify $7\frac{1}{2} \div 5\frac{5}{6}$