

Practice Test Papers on Fractions and Decimals

Class 7 (CBSE / ICSE)

Test Paper 4

Test Code: 2026/Fractions and Decimals/Class7/04

1. Solution:

$$0.1 + 0.01 + 0.001 = 0.111$$

Answer: 0.111

2. Solution:

$$0.004 = \frac{4}{1000} = \frac{1}{250}$$

Answer: $\frac{1}{250}$

3. Solution:

$$12.5 \text{ kg} \times 15 = 187.5 \text{ kg}$$

Answer: 187.5 kg

4. Solution:

$$\frac{4}{5} \nabla \cdot \left(\frac{4}{5} \times \frac{4}{5} \right) = \frac{4}{5} \nabla \cdot \frac{16}{25} = \frac{4}{5} \times \frac{25}{16} = \frac{100}{80} = \frac{5}{4}$$

Answer: $\frac{5}{4}$

5. Solution:

$$25.50 \times 3.5 = 89.25$$

Answer: \$89.25

6. Solution:

Let the other decimal be x : $0.56 \times x = 1.5008 \implies x = \frac{1.5008}{0.56} = 2.68$

Answer: 2.68

7. Solution:

$$6 \nabla \cdot \frac{2}{3} = 6 \times \frac{3}{2} = 9$$

Answer: 9

8. Solution:

$$\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$$

Answer: $\frac{3}{8}$

9. **Solution:**

$$0.02 \times X = 2 \implies X = \frac{2}{0.02} = 100$$

Answer: 100

10. **Solution:**

$$\text{Days worked} = 20 - 2.5 = 17.5 \text{ days}$$

$$\text{Pay received} = 150.50 \times 17.5 = 2633.75$$

Answer: \$2633.75

11. **Solution:**

$$\begin{aligned} \frac{3}{10} &= 0.3, \quad \frac{7}{100} = 0.07, \quad \frac{4}{1000} = 0.004 \\ 0.3 + 0.07 + 0.004 &= 0.374 \end{aligned}$$

Answer: 0.374

12. **Solution:**

$$\frac{126}{162} = \frac{126 \nabla \cdot 18}{162 \nabla \cdot 18} = \frac{7}{9}$$

Answer: $\frac{7}{9}$

13. **Solution:** Convert to decimals for comparison:

$$\frac{2}{3} \approx 0.6667, \quad \frac{5}{9} \approx 0.5556$$

$\frac{5}{9}$ is smaller. **Answer:** $\frac{5}{9}$

14. **Solution:**

$$(0.2)^3 = 0.008, \quad (0.1)^3 = 0.001$$

$$0.008 + 0.001 = 0.009$$

Answer: 0.009

15. **Solution:**

$$\frac{3}{4} \times x = 12 \implies x = \frac{12 \times 4}{3} = 16$$

Answer: 16