Practice Test Papers on Fractions and Decimals
Class 7 (CBSE / ICSE)

Test Paper 3

Test Code: 2026/Fractions and Decimals/Class7/03

1. **Solution:** The reciprocal of a proper fraction (where numerator < denominator) is always an improper fraction. **Answer:** $\boxed{\text{Improper fraction}}$

2. **Solution:**
$$0.005\nabla \cdot 1000 = 0.000005$$
   Answer: $\boxed{0.000005}$

3. **Solution:**
$$\frac{5}{8} \times 24 \text{ hours} = 15 \text{ hours}$$
   Answer: $\boxed{15}$

4. **Solution:**
$$1.2 \times 1.2 = 1.44$$
   Answer: $\boxed{1.44}$

5. **Solution:**
$$\frac{x}{5} = 0.2 \implies x = 0.2 \times 5 = 1$$
$$x^2 = 1^2 = 1$$
   Answer: $\boxed{1}$

6. **Solution:** Convert fractions to decimals for comparison:
$$\frac{2}{3} \approx 0.6667, \quad \frac{3}{4} = 0.75, \quad \frac{1}{2} = 0.5$$
   Descending order: $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}$ **Answer:** $\boxed{\dfrac{3}{4}, \dfrac{2}{3}, \dfrac{1}{2}}$

7. **Solution:**
$$3.03 - 2.003 = 1.027$$
   Answer: $\boxed{1.027}$

8. **Solution:** Convert $5\frac{1}{4}$ to an improper fraction:
$$5\frac{1}{4} = \frac{21}{4}$$
   Multiply:
$$\frac{2}{5} \times \frac{21}{4} = \frac{42}{20} = \frac{21}{10} = 2\frac{1}{10}$$
   Answer: $\boxed{2\dfrac{1}{10}}$

9. **Solution:**

$$\text{Number of sides} = \frac{\text{Perimeter}}{\text{Side length}} = \frac{6.5}{1.3} = 5$$

Answer: $\boxed{5}$

10. **Solution:**

$$\frac{1}{4} \times \frac{1}{4} = \frac{1}{16} = 0.0625$$

Answer: $\boxed{0.0625}$

11. **Solution:**

$$\frac{4}{7} \boldsymbol{\nabla} \cdot 8 = \frac{4}{7} \times \frac{1}{8} = \frac{4}{56} = \frac{1}{14}$$

Answer: $\boxed{\dfrac{1}{14}}$

12. **Solution:**

$$\text{Apples sold} = \frac{2}{5} \times 50 = 20 \text{ kg}$$
$$\text{Apples left} = 50 - 20 = 30 \text{ kg}$$

Answer: $\boxed{30 \text{ kg}}$

13. **Solution:**

$$7 \text{ cm} = 0.07 \text{ m} = 0.00007 \text{ km}$$

Answer: $\boxed{0.00007 \text{ km}}$

14. **Solution:** Multiplying by 1000 shifts the decimal point 3 places to the right.
Answer: $\boxed{\text{3 places right}}$

15. **Solution:** Find a common denominator (6):

$$\frac{2}{3} = \frac{4}{6}, \quad \frac{1}{6} = \frac{1}{6}$$

$$\frac{4}{6} + \frac{1}{6} = \frac{5}{6} \approx 0.833...$$

Answer: $\boxed{0.833...}$