Class 4 Decimals Worksheet

📚 What are Decimals?

Decimals are a way to show parts of a whole number. They use a dot called a **decimal point** (.).
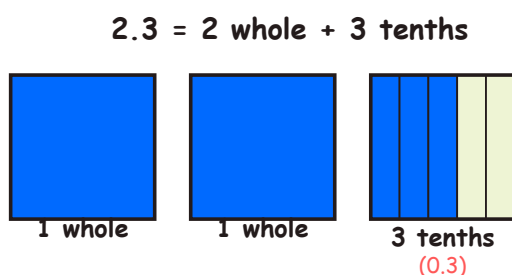
The decimal point separates the whole number part from the fractional part.

Important Terms:

• **Decimal Point (.)** - The dot that separates whole numbers from parts

• **Tenths** - The first place after the decimal point (one part out of 10)

• **Hundredths** - The second place after the decimal point (one part out of 100)

• **Example:** In 3.5, the 3 is the whole number and 5 is in the tenths place

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🎯 Sample Problem with Visual

Problem: Represent 2.3 (Two point three) using a visual model

2.3 = 2 whole + 3 tenths

1 whole   1 whole   3 tenths
(0.3)

2 + 0.3 = 2.3

Understanding:

• 2 = Two whole units

• 0.3 = Three tenths

• Together: **2.3**

We read it as: Two point three

Part A: Warm-up (Easy) - 8 Questions

Q1. Write the decimal number: One point five = _____

Q2. Look at the shaded part and write the decimal:

Shaded parts = ?

Decimal = 0._____

Q3. Which is bigger? Circle the correct answer:

2.5 or **2.3**

Q4. True or False: 0.8 is greater than 0.5

✅ True   ❌ False

Q5. Fill in the blank: 3.2 means 3 wholes and _____ tenths

Q6. Write in decimal form: 4 + 0.6 = _____
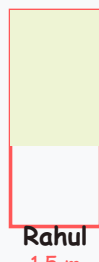
Q7. How do you read this decimal: 5.7?

Answer: Five point _____

Q8. Convert to decimal: 6 wholes and 4 tenths = _____

Part B: Practice (Medium) - 10 Questions

Q9. Priya's height is 1.2 meters and Rahul's height is 1.5 meters. Who is taller?

Compare Heights

Priya
1.2 m

Rahul
1.5 m

Q10. Add: 2.3 + 1.5 = _____

Q11. Subtract: 5.8 - 2.3 = _____

Q12. True or False: 4.7 is the same as 4.70

✅ True   ❌ False

Q13. A pencil costs ₹3.50 and an eraser costs ₹1.25. What is the total cost?

Add the prices

Pencil
₹3.50   +   Eraser   = ❓
                          ₹1.25

Q14. Arrange in ascending order (smallest to largest): 3.7, 3.2, 3.9, 3.5

Q15. Fill in the blank with >, <, or =: 6.4 _____ 6.8

Q16. Rohan ran 2.8 km on Monday and 3.5 km on Tuesday. How many kilometers did he run in total?

Q17. Convert to decimal: Eight point nine = _____

Q18. Match the following:

Column A	Column B
a) 0.5	i) Three tenths
b) 1.0	ii) Five tenths
c) 0.3	iii) One whole
d) 2.5	iv) Two and five tenths

Part C: Challenge (Hard) - 6 Questions

Q19. A fruit seller has 12.5 kg of apples. He sells 7.8 kg. How many kg of apples are left?

Apples: 12.5 kg - 7.8 kg = ?

Started with:

Sold:

12.5 kg − **7.8 kg** = **?**

Q20. Add three decimal numbers: 1.5 + 2.3 + 1.7 = _____

Q21. A rope is 8.6 meters long. If 3.9 meters is cut off, how many meters of rope remain?
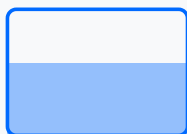
Q22. Meena bought 3 items: milk for ₹25.50, bread for ₹18.75, and butter for ₹45.25. What is the total cost?

Q23. Arrange in descending order (largest to smallest): 7.1, 7.9, 7.5, 7.3

Q24. A water tank has 15.4 liters of water. After adding more water, it has 23.7 liters. How many liters were added?
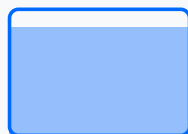
Water Tank Problem

Initial water: Final water:

+
?

15.4 L   23.7 L

🎯 Answer Key

Q1: 1.5	**Q2:** 0.7	**Q3:** 2.5
Q4: True	**Q5:** 2 tenths	**Q6:** 4.6
Q7: Seven	**Q8:** 6.4	**Q9:** Rahul
Q10: 3.8	**Q11:** 3.5	**Q12:** True
Q13: ₹4.75	**Q14:** 3.2, 3.5, 3.7, 3.9	**Q15:** <
Q16: 6.3 km	**Q17:** 8.9	**Q18:** a-ii, b-iii, c-i, d-iv

Q19: 4.7 kg

Q20: 5.5

Q21: 4.7 meters

Q22: ₹89.50

Q23: 7.9, 7.5, 7.3, 7.1

Q24: 8.3 liters

📊 Scoring Guide

Score Range	Performance
20-24 correct	⭐⭐⭐ Excellent! Decimals Champion!
15-19 correct	⭐⭐ Very Good! Keep practicing!
10-14 correct	⭐ Good effort! Review the concepts!
Below 10	💪 Keep trying! Practice makes perfect!

Total Questions: 24 | Your Score: _____ / 24

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