

Decimals Worksheet – Class 6

Instructions: - Solve all the questions carefully. - Write your answers in the space provided. - Show all steps for calculations.

Section A: Place Value & Reading Decimals (Easy)

1. Write the place value of 7 in 45.73.
2. Read the number 82.406 in words.
3. Write the decimal 0.9 as a fraction.
4. Identify the digit in the hundredths place in 12.856.
5. Write 3.07 in expanded form.

Section B: Addition & Subtraction of Decimals

1. $12.5 + 3.75 =$ _____
2. $45.62 - 12.48 =$ _____
3. $6.7 + 4.56 =$ _____
4. $23.84 - 9.37 =$ _____
5. $7.05 + 2.9 =$ _____

Section C: Multiplication & Division of Decimals

1. $4.5 \times 3 =$ _____
2. $6.2 \times 1.5 =$ _____
3. $12 \div 0.4 =$ _____
4. $7.5 \div 0.5 =$ _____
5. $3.6 \times 0.2 =$ _____

Section D: Word Problems (Medium)

1. A pencil costs \$1.25. How much do 8 pencils cost?
2. Rani ran 3.5 km on Monday and 4.2 km on Tuesday. How far did she run in total?
3. A bottle contains 2.75 liters of juice. If 1.3 liters are used, how much juice remains?
4. A piece of cloth is 12.5 m long. If 4.75 m is cut, what is the remaining length?
5. A car travels 45.6 km in one hour. How far will it travel in 3 hours?

Section E: Converting Decimals (Medium-Hard)

1. Convert 0.75 into a fraction.
2. Convert 3.2 into a mixed fraction.
3. Convert $\frac{7}{10}$ into decimal.
4. Convert $\frac{11}{20}$ into decimal.
5. Write 0.625 as a fraction in simplest form.

Section F: Comparing & Ordering Decimals (Hard)

1. Arrange in ascending order: 3.45, 3.5, 3.405, 3.4
2. Which is greater: 7.08 or 7.008?
3. Place $>$, $<$, or $=$ between: 5.67 ___ 5.607
4. Round 12.678 to the nearest tenth.
5. Round 9.345 to the nearest hundredth.

Teacher/Student Notes: - Encourage students to attempt each section without looking at answers. - Sections are arranged from Easy \rightarrow Hard. - This worksheet can also be used as a practice test or homework.