

Subject: Maths

Class: 7

Topic: Converting Fractions to Decimals and Decimals to Fractions

Levels: Basic, Intermediate, Advanced

Level: Basic

1. Convert the fraction $\frac{7}{10}$ into a decimal: _____
2. Express 0.5 as a fraction in its simplest form: _____
3. Convert $\frac{1}{2}$ into decimal form: ? _____
4. Write $\frac{9}{100}$ as a decimal: _____
5. Convert the decimal 0.25 into a fraction: _____
6. Arjun has $\frac{3}{10}$ of a chocolate bar. Write this as a decimal: _____
7. Represent 0.8 as a fraction: _____
8. What is $\frac{15}{10}$ in decimal form? _____
9. Convert 0.04 into a fraction: _____
10. Identify the decimal value of $\frac{1}{4}$: _____

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Level: Intermediate

1. Convert $12/25$ into a decimal: _____
2. Express 2.75 as a mixed fraction: _____
3. Convert $3/4$ into a decimal value: ? _____
4. Write $1/8$ as a decimal (Hint: $8 \times 125 = 1000$): _____
5. Priya spent 0.65 of her pocket money. Write this as a fraction in simplest form: _____
6. Convert the mixed fraction $2 \frac{1}{2}$ into a decimal: _____
7. What is the decimal equivalent of $17/20$? _____
8. Convert 0.125 into a fraction in its lowest terms: _____
9. Find the decimal form of $3/5$: _____
10. Convert 5.4 into a fraction: _____

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Level: Advanced

1. Convert $\frac{7}{8}$ into a decimal and multiply by 100: _____
2. Express 0.333... (recurring) as a fraction: _____
3. Convert the fraction $\frac{13}{40}$ into a decimal: _____
4. Ravi has ₹ 15.75. Convert the decimal part (.75) into a fraction: _____
5. Find the decimal value of $\frac{5}{16}$: _____
6. Convert 3.125 into a simplified fraction: _____
7. Compare using symbols: $\frac{4}{5}$ [?] 0.85 (Is it <, >, or = ?)
8. Convert the fraction $\frac{21}{250}$ into a decimal: _____
9. If $\frac{?}{?} = 0.45$, write $\frac{?}{?}$ as a fraction in its simplest form: _____
10. Calculate $\frac{1}{3} + 0.5$ and write the final answer as a decimal (approx): _____