

Subject: Maths

Class: 5-6

Topic: Expressing a Fraction as a Decimal and Vice-Versa

Levels: Basic, Intermediate, Advanced

Level: Basic

1. Express $7/10$ as a decimal number: _____.
2. Convert 0.5 into a simple fraction: _____.
3. Write the decimal for 'Three-tenths': _____.
4. In the number 4.5, which digit is in the tenths place? _____.
5. If a chocolate is divided into 10 parts and Rahul eats 2, write the decimal: _____.
6. Convert $15/100$ into a decimal: _____.
7. Write 0.09 as a fraction: _____.
8. Which is greater? 0.3 or 0.7: _____.
9. Express $1/2$ as a decimal (Hint: Multiply by $5/5$): _____.
10. Fill in the blank: 1.0 is the same as $10/$ _____.

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Level: Intermediate

1. Convert $25/50$ into a decimal: _____.
2. Anish spent ? 0.75 on a candy. Write this as a fraction in simplest form: _____.
3. Write 4 ($3/10$) as a decimal number: _____.
4. Convert 0.125 into a fraction: _____.
5. Add $0.4 + 0.05$ and write the result as a fraction: _____.
6. Express $12/25$ as a decimal (Hint: Make denominator 100): _____.
7. What is the sum of $1/10$ and 0.2? Answer in decimal: _____.
8. Place the symbol $<$ or $>$: 0.45 _____ $1/2$.
9. Convert 2.5 into a mixed fraction: _____.
10. If a ribbon is 0.8 meters long, what is its length in fractions of a meter? _____.

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Level: Advanced

1. Convert $\frac{1}{8}$ into a decimal using long division: _____.
2. Express ? 5 and 50 paise as a decimal: ? _____.
3. Solve and give decimal answer: $(\frac{3}{5}) + (\frac{1}{4}) =$ _____.
4. Convert 0.66... (approx $\frac{2}{3}$) into a percentage: _____ %
5. Find ? if ? = $0.75 + \frac{1}{4}$. Write ? as a whole number: _____.
6. Express $\frac{17}{20}$ as a decimal: _____.
7. Convert 3.12 into a mixed fraction in its lowest terms: _____.
8. Which is smaller? $\frac{1}{4}$ or 0.2? _____.
9. A petrol tank is 0.85 full. What fraction of the tank is empty? _____.
10. Challenge: Write the decimal equivalent of $\frac{1}{2} + \frac{1}{4} + \frac{1}{10}$: _____.