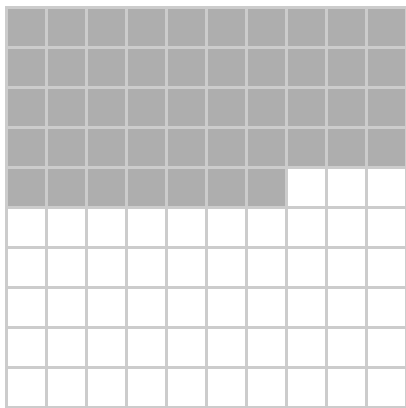# Converting Fractions, Decimals & Percentages

These three forms are different ways of representing the same value. For example: $\frac{1}{2} = 0.5 = 50\%$
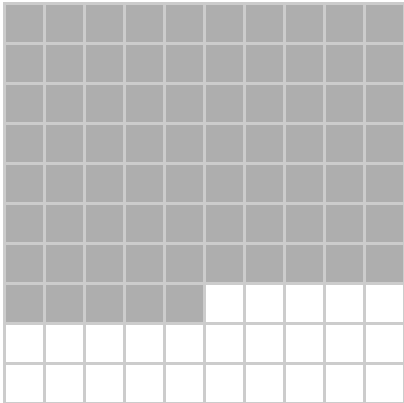
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1. For the shaded grid below, write the shaded amount as a fraction, a decimal, and a percentage.
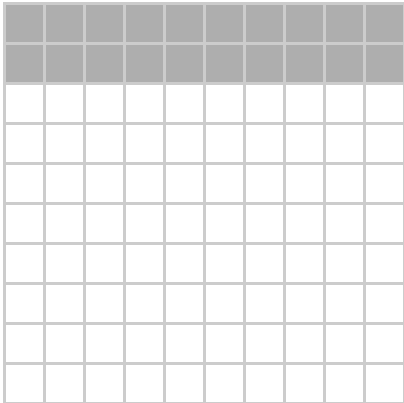
Fraction: _____   Decimal: _____   Percentage: _____

2. For the shaded grid below, write the shaded amount as a fraction, a decimal, and a percentage.

Fraction: _____ Decimal: _____ Percentage: _____

3. For the shaded grid below, write the shaded amount as a fraction, a decimal, and a percentage.

Fraction: _____ Decimal: _____ Percentage: _____

Complete the table by finding the two missing equivalent values in each row. Simplify fractions where possible.

Fraction	Decimal	Percentage
$\dfrac{1}{4}$		
	0.6	
		85%
$\dfrac{2}{3}$		
	0.35	
		8%
$1\dfrac{1}{2}$		

Rewrite each set of numbers in ascending order (smallest to largest).

4. $0.6, \quad \dfrac{3}{4}, \quad 65\%, \quad 0.068$

5. $\dfrac{1}{3}, \quad 0.3, \quad 35\%, \quad \dfrac{3}{8}$

6. In a class of 30 students, 18 have brown hair. What percentage of the class has brown hair?

7. A t-shirt is on sale for 40%. What fraction of the original price is the discount?

8. You scored 21 out of 25 on a maths test. What was your score as a percentage?

9. A survey found that $\dfrac{3}{5}$ of people prefer coffee to tea. What percentage of people prefer coffee?