

Practice with Percents, Decimals and Fraction -



1. Convert each fraction to a decimal and a percent:

a) $\frac{3}{4}$

b) $\frac{1}{8}$

c) $\frac{3}{80}$

2. Convert each decimal to a percent and a fraction in LOWEST TERMS

a) 0.45

b) 4.24

c) 0.004

3. Convert each percent to a decimal, then a fraction.

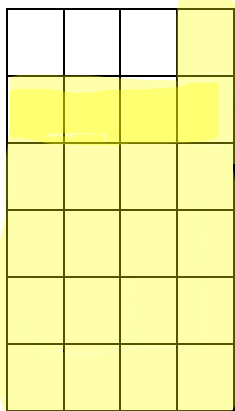
a) 23%

b) 123%

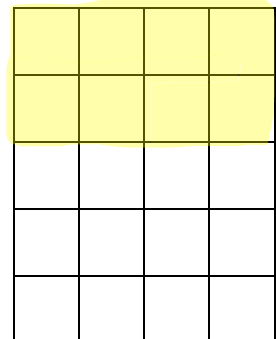
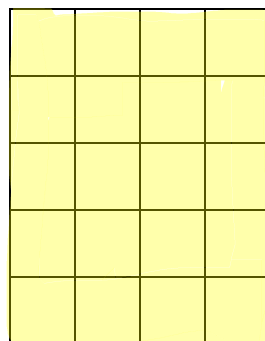
c) 0.23%

4. If one completely shaded grid represents one whole, express the shaded portion of each diagram as a fraction, a decimal and a percent.

a)



b) _





Practice with Percent, Decimals and Fractions

1. Ensure each number is expressed as a percent, decimal and fraction in lowest terms. Show your thinking.

a) 835%

b) 18.5

c) $\frac{3}{50}$

2. About 0.038% of the Earth's atmosphere is carbon dioxide. Write this amount as a decimal and a fraction.

3. The initial population of rabbits on a farm was 50. The population increased by 7% each week.

- (a) How many rabbits are there after 30 weeks?
- (b) How long would it take for the population to reach 500?

4. In building an airliner in 1998 the material cost 45% of the total, wages 42% and other expenses 13%. By 2000, the cost of materials had increased by 8%, wages had gone up by $\frac{1}{7}$ but the other expenses were reduced by 10%. Find the percentage increase in the cost of the airliner?