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

a) **** b) **** c) ****

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.

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

a) 835% b) 18.5 c) 

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 1/7 but the other expenses were reduced by 10%. Find the percentage increase in the cost of the airliner?