



Percents Final Exam Review

• Introduction of Percentages

a) See 10x10 Grid Paper attached.

b)  = $\frac{6}{7}$  = $\frac{4}{10}$

c) $\frac{2}{3} = 0.\overline{6}$, $66.\overline{6}\%$ $\frac{18}{11} = 1.\overline{63} = 163.\overline{63}\%$

d) 76.95

• Representing Percents

a) 145%

b) $\frac{2}{3}\% = 0.\overline{6}\%$

c) See 10x10 Grid Paper attached.

d) The spruce tree has grown more than 100 times its original measured height.

e) 4.3 cups → See attached 10x10 Grid Paper.

• Fractions, Decimals and Percents

a) $\frac{1}{600} = 0.001\overline{6} = 0.1\overline{6}\%$ $\frac{7}{6} = 1.1\overline{6} = 116.\overline{6}\%$

b) $0.0094 = 0.94\%$, $\frac{47}{5000}$ $0.769 = 76.9\%$, $\frac{769}{1000}$ $5.66 = 566\%$, $\frac{283}{50}$

c) $467\% = 4.67$, $\frac{467}{100}$ $0.68\% = 0.0068$, $\frac{17}{2500}$ $79\frac{3}{4}\% = 0.7975$, $\frac{319}{400}$

d) 40.35%

e) Walking - 110.00%

Running - 150.00%

• Percent of a Number

a) 6032.01 0.243

b) 3.276 \$1026.26

c) 1%

d) 717,5025 km²

• Combining Percents

a) \$17.98

b) 672 students

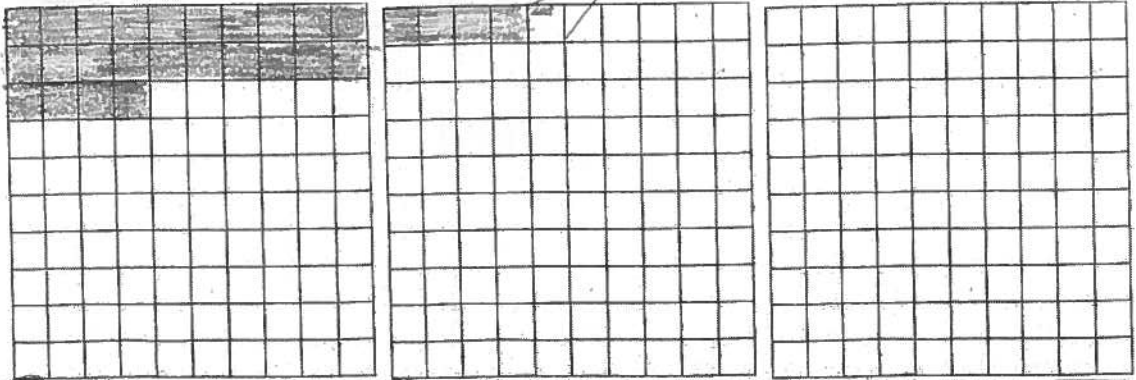
c) Price = \$485 760 Cost = \$510 048

Introduction to Percentages

Representing Percents



a)



Representing Percents

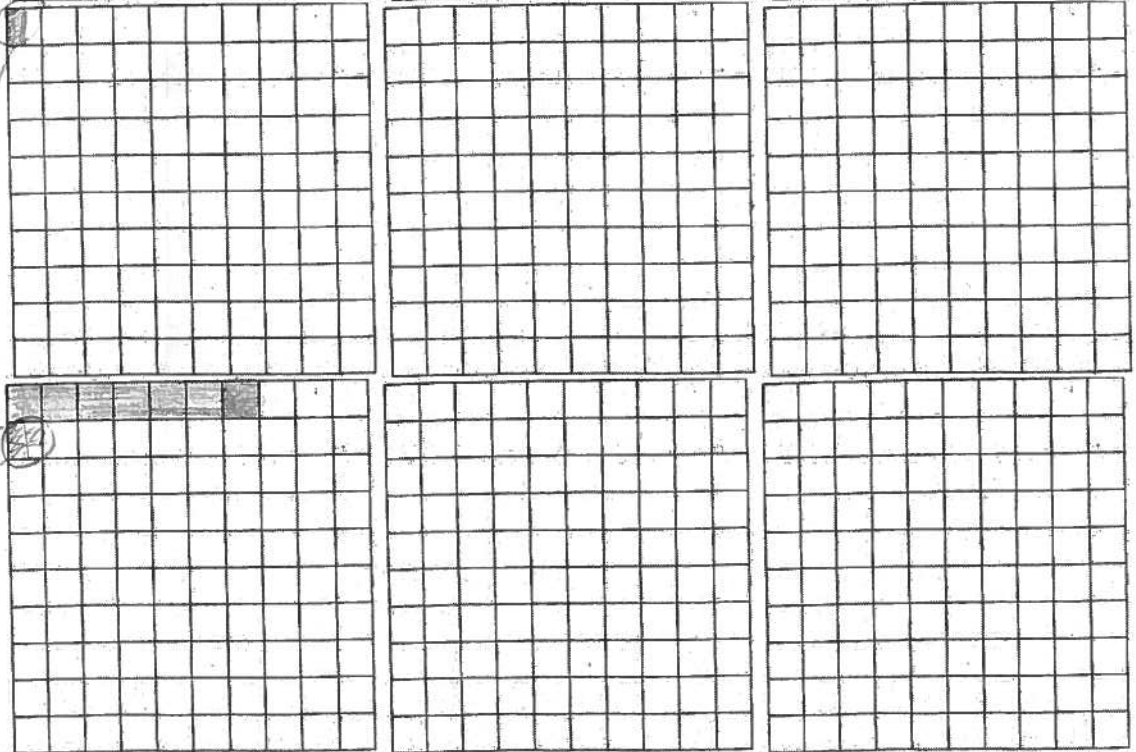
c)



$\frac{1}{2}\%$



$7\frac{3}{4}\%$



124%

