

## gr 8 Math Holis P1\_ Num\_PerFraSq rt\_d2.Extra Practice WS

### Ws Grade 8 Extra practice Fraction decimal percent

Calculator

Decimal  $\Rightarrow$  Top  $\div$  Bottom

%  $\Rightarrow$  Dec  $\times 100$

1. Write each fraction as a decimal and a percent.

a)  $\frac{21}{35}$

b)  $\frac{14}{20}$

c)  $\frac{28}{56}$

d)  $\frac{12}{16}$

e)  $\frac{18}{200}$

f)  $\frac{19}{20}$

g)  $\frac{16}{25}$

h)  $\frac{32}{40}$

i)  $\frac{9}{50}$

j)  $\frac{9}{10}$

2. Ruth's test scores were:  $\frac{17}{20}$ ,  $\frac{21}{28}$ , and  $\frac{40}{50}$ .

Write each test score as a percent.

Order the test scores from greatest to least.

Which was Ruth's best test? How do you know?

3. Write each percent as a fraction and a decimal.

Sketch number lines to show how the numbers are related.

a) 18%

b) 37%

c) 86%

d) 99%

4. In 5 min, Benjamin completed 27 of 30 multiple-choice questions.

Madison completed 83% of the questions.

Who completed more questions?

How do you know?

5. Barney created a design on a grid.

He coloured  $\frac{1}{8}$  of the grid red.

He coloured 0.375 of the grid green.

He coloured 40% of the grid blue.

He coloured the rest of the grid purple.

What percent of the grid is purple?

How do you know?