

# 5-5: Fractions Decimals & Percents

Name: \_\_\_\_\_

Hour: 1 2 3 4 5 6 7

.....  
Write each percent as a decimal and as a fraction in simplest form.

1. 46% \_\_\_\_\_ 2. 17% \_\_\_\_\_ 3. 90% \_\_\_\_\_ 4. 5% \_\_\_\_\_

Write each decimal as a percent and as a fraction in simplest form.

5. 0.02 \_\_\_\_\_ 6. 0.45 \_\_\_\_\_ 7. 0.4 \_\_\_\_\_ 8. 0.92 \_\_\_\_\_

Write each fraction as a decimal and as a percent.

9.  $\frac{3}{5}$  \_\_\_\_\_ 10.  $\frac{7}{10}$  \_\_\_\_\_ 11.  $\frac{13}{25}$  \_\_\_\_\_ 12.  $\frac{17}{20}$  \_\_\_\_\_

The table shows the fraction of students who participated in extracurricular activities from 1965 to 2000. Complete the table by writing each fraction as a percent.

Students' Extracurricular Choices

Year	1965	1970	1975	1980	1985	1990	1995	2000
Student participation (fraction)	$\frac{3}{4}$	$\frac{8}{10}$	$\frac{17}{20}$	$\frac{39}{50}$	$\frac{21}{25}$	$\frac{19}{25}$	$\frac{87}{100}$	$\frac{9}{10}$
Student participation (percent)	_____	_____	_____	_____	_____	_____	_____	_____

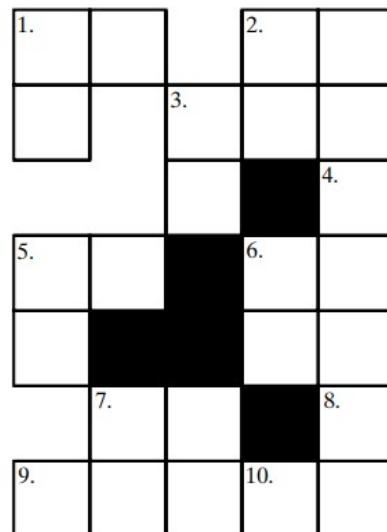
Write each fraction or decimal as a percent. Write the percent (without the percent sign) in the puzzle.

ACROSS

1.  $\frac{3}{5}$
2.  $\frac{1}{5}$
3. 0.55
5. 0.23
6.  $\frac{7}{20}$
7. 0.17
9. 0.4
10.  $\frac{9}{25}$

DOWN

1.  $\frac{13}{20}$
2. 0.25
3.  $\frac{1}{2}$
4.  $\frac{3}{20}$
5. 0.24
6.  $\frac{3}{10}$
7. 0.1
8.  $\frac{4}{25}$



# Math with Riddles - Convert Fractions to Percents & Decimals

Solve the math problems to solve the riddle.

E) Change to a Percent

$$\frac{11}{25}$$

T) Change to a Decimal

$$\frac{9}{50}$$

U) Change to a Percent

$$\frac{81}{100}$$

O) Change to a Percent

$$\frac{3}{20}$$

S) Change to a Percent

$$\frac{7}{20}$$

B) Change to a Decimal

$$\frac{33}{50}$$

H) Change to a Decimal

$$\frac{3}{100}$$

P) Change to a Decimal

$$\frac{9}{100}$$

A) Change to a Percent

$$\frac{1}{5}$$

What musical instrument is found in the bathroom?

\_\_\_\_\_   \_\_\_\_\_   \_\_\_\_\_   \_\_\_\_\_   \_\_\_\_\_

\_\_\_\_\_   \_\_\_\_\_   \_\_\_\_\_   \_\_\_\_\_   \_\_\_\_\_ !

0.18   15%   15%   0.18   0.03   0.04   20%   35%   0.18   44%