

Practice 7-6

Percents, Fractions, and Decimals

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)	_____	_____	_____	_____	_____	_____	_____	_____

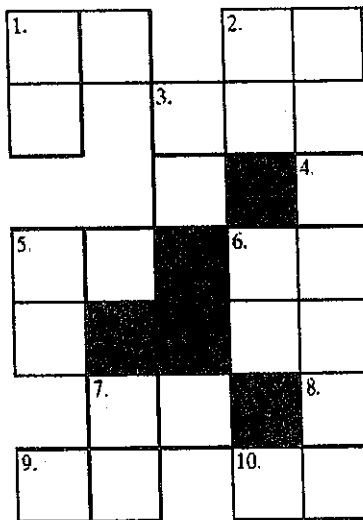
Write each fraction or decimal as a percent. Write the percent (without the percent sign) in the puzzle.

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. $\frac{4}{25}$



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Math with Riddles - Convert Fractions to Percents & Decimals

Solve the math problems to solve the riddle.

E) Change to a Percent

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

U) Change to a Percent

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

S) Change to a Percent

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

H) Change to a Decimal

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

A) Change to a Percent

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

T) Change to a Decimal

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

O) Change to a Percent

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

B) Change to a Decimal

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

P) Change to a Decimal

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

What musical instrument is found in the bathroom?

20% 0.18 81% 0.66 20%

_____ !

0.18 15% 15% 0.18 0.03 0.09 20% 35% 0.18 44%