

Algebra I

4.5 Worksheet #1

Decimals, Fractions and Percents

Name: _____

Date: _____ Hour: _____

REVIEW: To convert a decimal to a fraction, use the decimal place value of the last number for the denominator.

Example: $.02$ is 2 hundredths = $\frac{2}{100} = \frac{1}{50}$

*REDUCE ALL FRACTIONS.

Complete the table below:

FRACTION*	DECIMAL	PERCENT
$\frac{7}{8}$		
	.2	
		25%
$2\frac{1}{4}$		
		40%
		150%
	.06	
$\frac{2}{5}$		
$\frac{12}{15} = \frac{4}{5}$		
	.84	
	2.12	
		37%

???? Trivia Question ???? Endurance Records

How many minutes is the world record for solo singing?

To check your answer:

- First use a ruler to match each percent with an equivalent fraction in the 2nd column and with the same fraction in lowest terms in the 3rd column.
- The letters without lines through them spell out the answer.

1. 12%	E	$\frac{25}{100}$	S	$\frac{7}{10}$
2. 68%	S	$\frac{250}{100}$	N	$\frac{3}{25}$
3. 25%	I	$33\frac{1}{3}\%$	F	$1\frac{2}{5}$
4. 70%	X	$\frac{12}{100}$	I	$\frac{1}{4}$
5. 140%	G	$\frac{70}{100}$	E	$1\frac{3}{5}$
6. 175%	H	$\frac{68}{100}$	N	$2\frac{1}{2}$
7. $33\frac{1}{3}\%$	T	$\frac{140}{100}$	V	$\frac{17}{25}$
8. 250%	U	$\frac{160}{100}$	R	$\frac{1}{3}$
9. 48%	S	$\frac{48}{100}$	E	$\frac{12}{25}$
10. $66\frac{2}{3}\%$	O	$\frac{175}{100}$	T	$\frac{2}{3}$
11. 160%	U	$\frac{280}{100}$	N	$1\frac{3}{4}$
12. 5%	N	$\frac{60}{100}$	F	$\frac{3}{5}$
13. 280%	D	$66\frac{2}{3}\%$	O	$\frac{1}{20}$
14. 60%	A	$\frac{5}{100}$	Y	$2\frac{4}{5}$
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