Year 6 Worksheet 4 - Percentages

Question 1: Convert the percents into fractions, simply if you can.

$38\% = \dfrac{38}{100} = \dfrac{19}{50}$	15% =	58% =
25% =	50% =	30% =
16% =	36% =	52% =
2% =	55% =	90% =
63% =	62% =	80% =
14% =	75% =	78% =

Question 2: Convert the percents into decimals.

38% = 0.38	15% =	58% =
25% =	50% =	30% =
16% =	36% =	52% =
2% =	55% =	90% =
363% =	562% =	180% =
414% =	675% =	278% =

Question 3: Convert fractions to percentages, then to decimals.

$\frac{23}{100}$ = 23% = 0.23	$\frac{54}{100}$ = _____ = _____	$\frac{42}{100}$ = _____ = _____
$\frac{7}{10}$ = _____ = _____	$\frac{3}{10}$ = _____ = _____	$\frac{5}{10}$ = _____ = _____
$\frac{1}{2}$ = _____ = _____	$\frac{1}{5}$ = _____ = _____	$\frac{2}{5}$ = _____ = _____
$\frac{1}{4}$ = _____ = _____	$\frac{2}{4}$ = _____ = _____	$\frac{3}{4}$ = _____ = _____
$\frac{13}{25}$ = _____ = _____	$\frac{7}{20}$ = _____ = _____	$\frac{34}{50}$ = _____ = _____
$\frac{3}{5}$ = _____ = _____	$\frac{21}{25}$ = _____ = _____	$\frac{4}{5}$ = _____ = _____

Question 4: Convert the following fractions to decimal, then to percents

$1\frac{1}{4}$ =1.25 = 125%	$1\frac{1}{2}$ = ___ = ___	$1\frac{3}{4}$ = ___ = ___
$2\frac{1}{10}$ = ___ = ___	$5\frac{3}{10}$ = ___ = ___	$6\frac{2}{10}$ = ___ = ___
$4\frac{80}{100}$ = ___ = ___	$1\frac{74}{100}$ = ___ = ___	$7\frac{11}{100}$ = ___ = ___
$8\frac{5}{10}$ = ___ = ___	$9\frac{47}{100}$ = ___ = ___	$2\frac{7}{100}$ = ___ = ___
$6\frac{15}{100}$ = ___ = ___	$1\frac{9}{10}$ = ___ = ___	$4\frac{56}{100}$ = ___ = ___
$7\frac{73}{100}$ = ___ = ___	$9\frac{98}{100}$ = ___ = ___	$8\frac{2}{100}$ = ___ = ___

Personalised English & Math Tutoring

Redeem Free Assessment

Answer Key

Question 1: Convert the percents into fractions, simply if you can.

$38\% = \frac{19}{50}$	$15\% = \frac{3}{20}$	$58\% = \frac{29}{50}$
$25\% = \frac{1}{4}$	$50\% = \frac{1}{2}$	$30\% = \frac{3}{10}$
$16\% = \frac{4}{25}$	$36\% = \frac{9}{25}$	$52\% = \frac{13}{25}$
$2\% = \frac{1}{50}$	$55\% = \frac{11}{20}$	$90\% = \frac{9}{10}$
$63\% = \frac{63}{100}$	$62\% = \frac{31}{50}$	$80\% = \frac{4}{5}$
$14\% = \frac{7}{50}$	$75\% = \frac{3}{4}$	$78\% = \frac{39}{50}$

Question 2: Convert the percents into decimals.

38% = 0.38	15% = 0.15	58% = 0.58
25% = 0.25	50% = 0.5	30% = 0.3
16% = 0.16	36% = 0.36	52% = 0.52
2% = 0.02	55% = 0.55	90% = 0.9
363% = 3.63	562% = 5.62	180% = 1.80
414% = 4.14	675% = 6.75	278% = 2.78

Question 3: Convert fractions to percentages then to decimals.

$\frac{23}{100}$ = 23%= 0.23	$\frac{54}{100}$ = 54%= 0.54	$\frac{42}{100}$ = 42%= 0.42
$\frac{7}{10}$ = 70%= 0.7	$\frac{3}{10}$ = 30%= 0.3	$\frac{5}{10}$ = 50%= 0.5
$\frac{1}{2}$ = 50%= 0.5	$\frac{1}{5}$ = 20%= 0.2	$\frac{2}{5}$ = 40%= 0.4
$\frac{1}{4}$ = 25%= 0.25	$\frac{2}{4}$ = 50%= 0.5	$\frac{3}{4}$ = 75%= 0.75
$\frac{13}{25}$ = 52%= 0.52	$\frac{7}{20}$ = 35%= 0.35	$\frac{34}{50}$ = 68%= 0.68
$\frac{3}{5}$ = 60%= 0.6	$\frac{21}{25}$ = 84%= 0.84	$\frac{4}{5}$ = 80%= 0.8

Question 4: Convert the following fractions to decimal, then to percents

$1\frac{1}{4}$ =1.25 = 125%	$1\frac{1}{2}$ = 1.5 = 150%	$1\frac{3}{4}$ = 1.75 = 175%
$2\frac{1}{10}$ = 2.1 = 210%	$5\frac{3}{10}$ = 5.3 = 530%	$6\frac{2}{10}$ = 6.2 = 620%
$4\frac{80}{100}$ = 4.8 = 480%	$1\frac{74}{100}$ = 1.74 = 174%	$7\frac{11}{100}$ = 7.11= 711%
$8\frac{5}{10}$ = 8.5 = 850%	$9\frac{47}{100}$ = 9.47 = 947%	$2\frac{7}{100}$ = 2.07 = 207%
$6\frac{15}{100}$ = 6.15 = 615%	$1\frac{9}{10}$ = 1.9 = 190%	$4\frac{56}{100}$ = 4.56 = 456%
$7\frac{73}{100}$ = 7.73 = 773%	$9\frac{98}{100}$ = 9.98= 998%	$8\frac{2}{100}$ = 8.02= 802%