

Name:

Converting Between Percents, Decimals, and Fractions

1. Convert the following Decimals to percents

a) $1.31 = \quad \%$

b) $0.47 = \quad \%$

c) $1.6 = \quad \%$

2. Convert Percent to Decimal

a) $59.4 \% =$

b) $157 \% =$

c) $50 \% =$

d) $83.9 \% =$

e) $132 \% =$

f) $174\% =$

3. Convert Decimal to Fraction and Simplify/ Reduce if possible.

a) $0.251 = \frac{\quad}{\quad}$

b) $0.284 = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

c) $0.4 = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. Convert Fraction to percent

a) $\frac{9}{18} = \quad \%$

b) $\frac{13}{20} = \quad \%$

c) $\frac{33}{50} = \quad \%$

d) $\frac{28}{40} = \quad \%$

e) On a test John Scored 18 out of 25, what is his percentage? $\quad \%$

6) Complete the table by giving the equivalent fraction, decimal or percent.

Percent	Fraction	Decimal
19%	$\frac{19}{100}$	0.19
95%	$\frac{19}{20}$	
%	$\frac{4}{5}$	

7) In a school of 650 pupils it was found that 30% of the pupils are males. How many pupils are males?

Step 1: change percent to decimal

Step 2: multiply the decimal by the given amount (quantity)

Answer: $\quad$ pupils

7) Calculate 8% of 32 cm.

Answer: $\quad$ cm