

Name

Date



CONVERTING MIXED DECIMALS TO FRACTIONS 3

Convert these mixed decimals to fractions. Write your answers as a decimal fraction and also as a fraction in simplest form. The first one is done for you.

	Decimal	=	Decimal fraction	=	Simplest form
1)	3.25	=	$3 \frac{25}{100}$	=	$3 \frac{1}{4}$
2)	1.72	=			
3)	8.66	=			
4)	0.321	=			
5)	4.32	=			
6)	2.625	=			
7)	1.348	=			
8)	9.072	=			
9)	0.84	=			
10)	5.682	=			
11)	1.927	=			
12)	8.8	=			
13)	3.256	=			
14)	6.875	=			

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CONVERTING DECIMALS TO FRACTIONS 3 ANSWERS

	Decimal	=	Decimal fraction	=	Simplest form
1)	3.25	=	$3 \frac{25}{100}$	=	$3 \frac{1}{4}$
2)	1.72	=	$1 \frac{72}{100}$	=	$1 \frac{18}{25}$
3)	8.66	=	$8 \frac{66}{100}$	=	$8 \frac{33}{50}$
4)	0.321	=	$\frac{321}{1000}$	=	$\frac{321}{1000}$
5)	4.32	=	$4 \frac{32}{100}$	=	$4 \frac{8}{25}$
6)	2.625	=	$2 \frac{625}{1000}$	=	$2 \frac{5}{8}$
7)	1.348	=	$1 \frac{348}{1000}$	=	$1 \frac{87}{250}$
8)	9.072	=	$9 \frac{72}{1000}$	=	$9 \frac{9}{125}$
9)	0.84	=	$\frac{84}{100}$	=	$\frac{21}{25}$
10)	5.682	=	$5 \frac{682}{1000}$	=	$5 \frac{341}{500}$
11)	1.927	=	$1 \frac{927}{1000}$	=	$1 \frac{927}{1000}$
12)	8.8	=	$8 \frac{8}{10}$	=	$8 \frac{4}{5}$
13)	3.256	=	$3 \frac{256}{1000}$	=	$3 \frac{32}{125}$
14)	6.875	=	$6 \frac{875}{1000}$	=	$6 \frac{7}{8}$