

Challenging the Falls

Did you know that a schoolteacher from Michigan was the first woman to slide over Niagara Falls in a barrel? It's true. She took the plunge on her 46th birthday! Follow the directions below to learn this daredevil's name.

Directions: Change each fraction on the left to its equivalent decimal by dividing the numerator by the denominator. In the blank, write the letter of the matching equivalent decimal. Then write each letter above the matching problem number below. The first one has been done for you.

1.	$\frac{1}{2}$	=	<u>E</u>		0.54	=	N
2.	$\frac{1}{3}$	=	_____		0.5	=	N
3.	$\frac{1}{4}$	=	_____		0.875	=	E
4.	$\frac{1}{5}$	=	_____		1.18	=	N
5.	$\frac{1}{6}$	=	_____		0.2	=	O
6.	$\frac{1}{7}$	=	_____		0.08	=	E
7.	$\frac{1}{8}$	=	_____		0.8	=	A
8.	$\frac{1}{9}$	=	_____		0.09	=	L
9.	$\frac{1}{10}$	=	_____		0.45	=	Y
10.	$\frac{1}{11}$	=	_____		0.2	=	T
11.	$\frac{1}{12}$	=	_____		0.38	=	I
12.	$\frac{1}{13}$	=	_____		0.34	=	A
13.	$\frac{1}{14}$	=	_____		0.82	=	R
14.	$\frac{1}{15}$	=	_____		0.75	=	O
15.	$\frac{1}{16}$	=	_____		0.070000	=	S
16.	$\frac{1}{17}$	=	_____		0.416	=	O

_____ E _____

Bonus Question: If the repeating decimal equivalents of $\frac{1}{3}$ and $\frac{1}{4}$ are 0.3 and 0.25, what are the repeating decimals that are equivalent to $\frac{1}{6}$ and $\frac{1}{12}$?