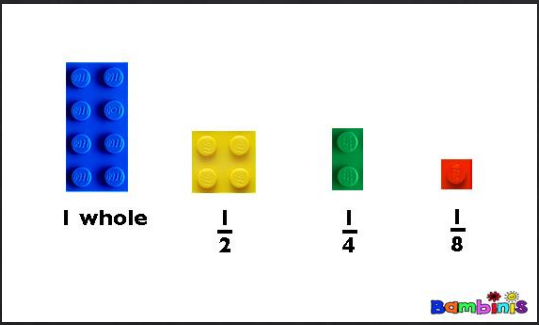
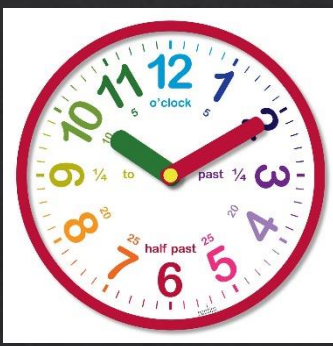


What are these pictures showing us?

What do they all have in common?

Explain your answer.



Banana Bread

- 5 bananas
- 1/4 cup oil
- 1/4 cup brown sugar
- 2 eggs
- 3/4 cup flour
- 1 t baking powder
- 1/4 t salt
- 2 cups milk

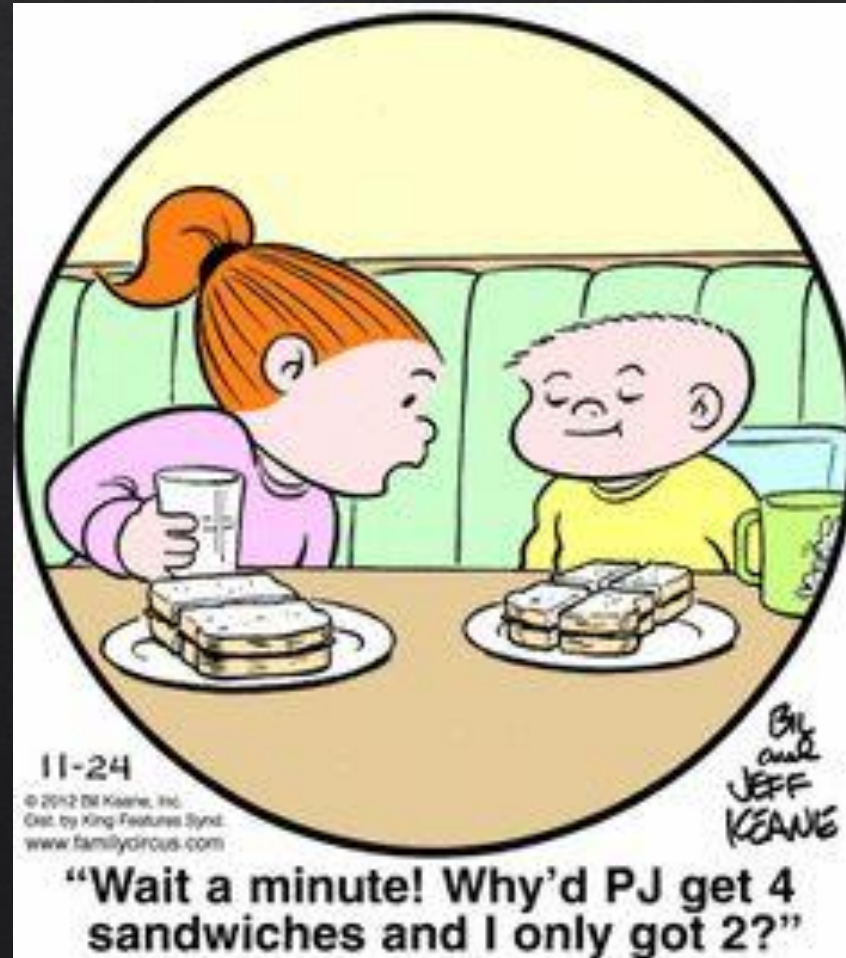
at 350* for 60 minutes.



What is the odd one out?



What is a Fraction? Share what you know.



how many parts you have



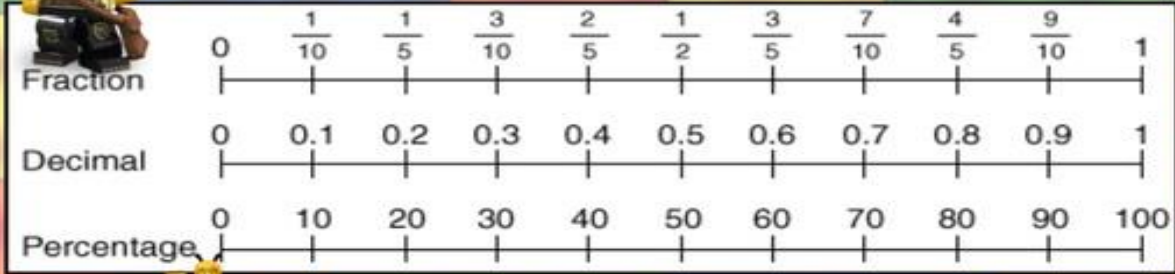
numerator

denominator



how many parts of the whole

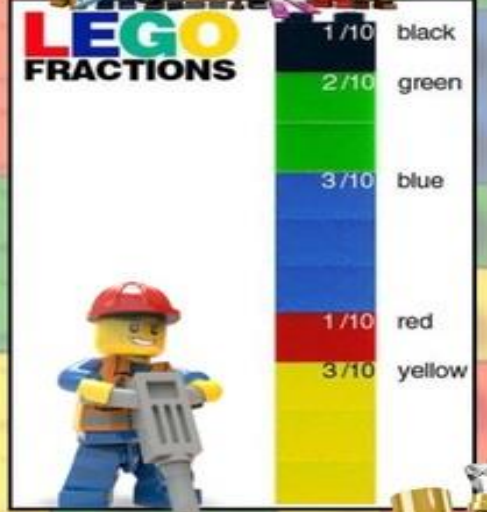
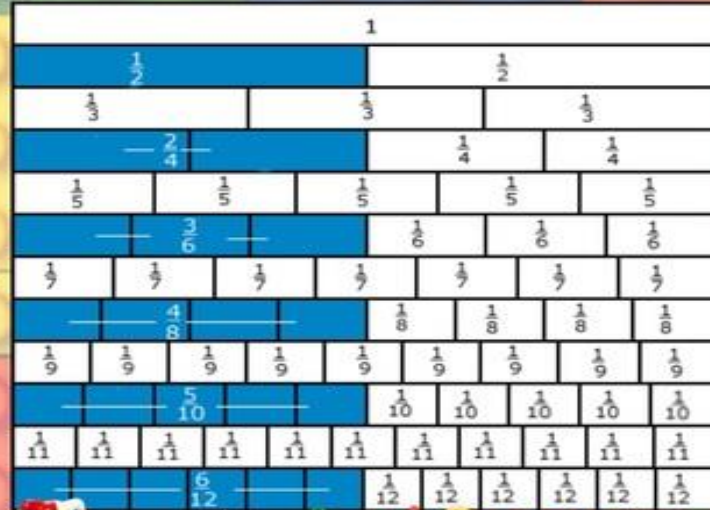
Fractions: Maths Mat



how many parts you have
↓
numerator
↑
denominator
↑
how many parts of the whole



Equivalent Fractions.



1.00												1 whole												100%											
0.5				$\frac{1}{2}$				50%				0.5				$\frac{1}{2}$				50%															
0.33			$\frac{1}{3}$			33.3%			0.33			$\frac{1}{3}$			33.3%			0.33			$\frac{1}{3}$			33.3%											
0.25			$\frac{1}{4}$			25%			0.25			$\frac{1}{4}$			25%			0.25			$\frac{1}{4}$			25%			0.25			$\frac{1}{4}$			25%		
0.20		$\frac{1}{5}$		20%		0.20		$\frac{1}{5}$		20%		0.20		$\frac{1}{5}$		20%		0.20		$\frac{1}{5}$		20%		0.20		$\frac{1}{5}$		20%							
0.16		$\frac{1}{6}$		16.6%		0.16		$\frac{1}{6}$		16.6%		0.16		$\frac{1}{6}$		16.6%		0.16		$\frac{1}{6}$		16.6%		0.16		$\frac{1}{6}$		16.6%							
$\frac{1}{8}$		$\frac{1}{8}$		12.5%		$\frac{1}{8}$		$\frac{1}{8}$		12.5%		$\frac{1}{8}$		$\frac{1}{8}$		12.5%		$\frac{1}{8}$		$\frac{1}{8}$		12.5%		$\frac{1}{8}$		$\frac{1}{8}$		12.5%							
$\frac{1}{10}$		$\frac{1}{10}$		10%		$\frac{1}{10}$		$\frac{1}{10}$		10%		$\frac{1}{10}$		$\frac{1}{10}$		10%		$\frac{1}{10}$		$\frac{1}{10}$		10%		$\frac{1}{10}$		$\frac{1}{10}$		10%							
$\frac{1}{12}$		$\frac{1}{12}$		8.3%		$\frac{1}{12}$		$\frac{1}{12}$		8.3%		$\frac{1}{12}$		$\frac{1}{12}$		8.3%		$\frac{1}{12}$		$\frac{1}{12}$		8.3%		$\frac{1}{12}$		$\frac{1}{12}$		8.3%							

Decimals, fractions and percentages are different ways of showing the same value.

	Fractions	Decimals	Percentages
	$\frac{1}{20}$	0.05	5%
	$\frac{1}{10}$	0.1	10%
	$\frac{1}{8}$	0.125	12.5%
	$\frac{1}{5}$	0.2	20%
	$\frac{1}{4}$	0.25	25%
	$\frac{1}{3}$	0.333...	33.3%
	$\frac{1}{2}$	0.5	50%
	1	1.0	100%

A fraction shows equal $\frac{1}{4}$ parts of a whole.

A decimal fraction is a fraction whose denominator is a power of 10.
0.25
tenths hundredths

A percentage shows a fraction of 100. 25%

To convert a fraction to a decimal, divide the numerator by the denominator.
E.g., $\frac{1}{4} \quad 1 \div 4 = 0.25$

To convert a fraction to a percentage, divide the numerator by the denominator and multiply by 100.
E.g., $\frac{1}{4} \quad 1 \div 4 = 0.25 \times 100 = 25\%$

