

Fractions, Decimals, and Percents (page 1 of 2)

Math Words

- fraction
- decimal
- percent

Fractions, decimals, and percents are numbers that can be used to show parts of a whole.

fraction

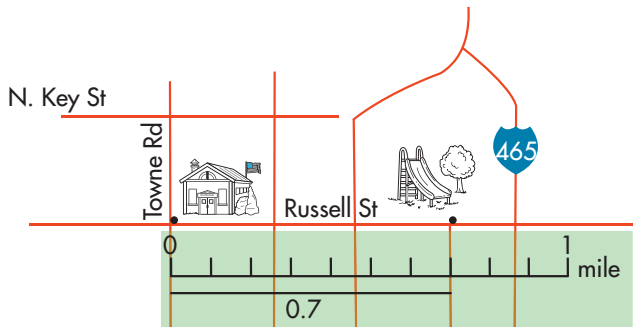
$$\frac{5}{8}$$



part: 5 striped T-shirts
whole: 8 T-shirts in the group

decimal

$$0.7$$



part: $\frac{7}{10}$ of a mile from school to the park
whole: 1 mile

percent

$$90\%$$

SPELLING TEST **90%**

1. geometry
- ~~2.~~ quadrilaterall
3. trapezoid
4. rhombus
5. pentagon
6. hexagon
7. octagon
8. isosceles
9. obtuse
10. acute

part: 9 words spelled correctly
whole: 10 words on the spelling test



Look in magazines and newspapers to find more everyday uses of fractions, decimals and percents.

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These questions can be answered using fractions, decimals or percents.

How much of the batch of brownies is left in the pan?

6 out of 24 brownies

We would most likely say:

$\frac{1}{4}$ of the brownies are in the pan.

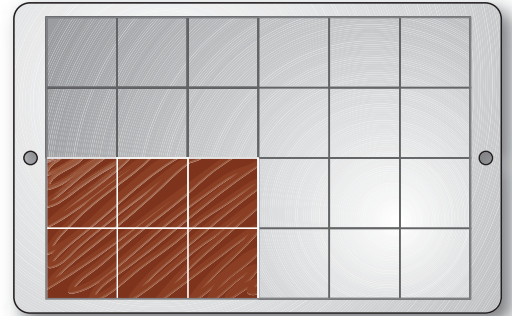
It would also be correct to say:

25% of the brownies are in the pan.

0.25 of the brownies are in the pan.

These values are equivalent because each one represents the same quantity.

$$\frac{6}{24} = \frac{1}{4} = 25\% = 0.25$$



At the softball game, Nora went to bat 6 times and got a hit 3 of those 6 times.

Nora got a hit $\frac{1}{2}$ of the time she went to bat.

Nora got a hit 50% of the time she went to bat.

Nora's batting average for the game was .500.

These values are equivalent because each one represents the same quantity.

$$\frac{3}{6} = \frac{1}{2} = 50\% = 0.500$$

