

Proportional Relationships

$$\frac{10}{1} = \frac{x}{2}$$

pumpkins 20pump

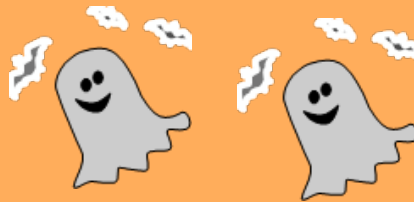
Grade 7

X



$\frac{4}{2} = \frac{2}{1}$

Y



unit rate
 $\frac{2}{1}$ ghost

What does proportional mean?

2 quantities are compared

In math?

where there exists a constant (number) K such that each measure in the first (x) quantity multiplied by the constant gives a corresponding measure in the second (y) quantity. $y = kx$

T.C.
Cost $y = .40(5x) 100x$

Weight (oz)	12.5	10	5	8
Cost (\$)	5	4	2	3.20

\$ 0.40 \$.40

Is Cost proportional to the weight?

2.5 oz per \$
\$: 40 per oz

