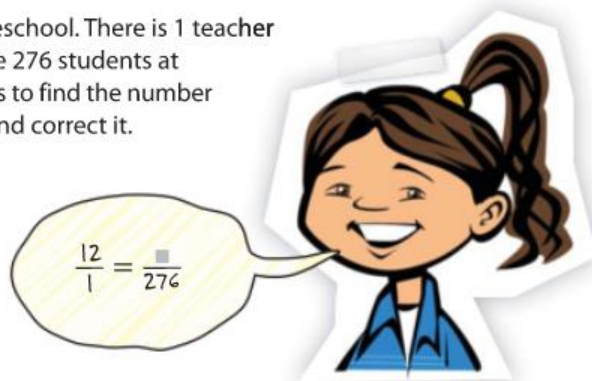


1)

Fenton is building a model of a living room. The model sofa is 16 inches long and 7 inches deep. The real sofa's dimensions are 80 inches long and 35 inches deep. Is the ratio of the model's dimensions equivalent to the ratio of the real sofa's dimensions? Explain your reasoning.

2)

MP Find the Error Elisa's mom teaches at a preschool. There is 1 teacher for every 12 students at the preschool. There are 276 students at the preschool. Elisa is setting up equivalent ratios to find the number of teachers at the preschool. Find her mistake and correct it.



3)

There are 810 Calories in 3 scoops of vanilla ice cream. How many Calories are there in 7 scoops of ice cream?

4)

There were 340,000 cattle placed on feed. Write an equivalent ratio that could be used to find how many of these cattle were between 700 and 799 pounds. How many of the 340,000 cattle placed on feed were between 700 and 799 pounds?

Cattle Placed on Feed	
Weight Group	Fraction of Total Cattle
Less than 600 pounds	$\frac{1}{5}$
600–699 pounds	$\frac{11}{50}$
700–799 pounds	$\frac{2}{5}$
800 pounds or more	$\frac{9}{50}$

