DO NOW

Page 176 numbers 1 - 5

Nov 21-2:21 PM

Module 7

Lesson 2

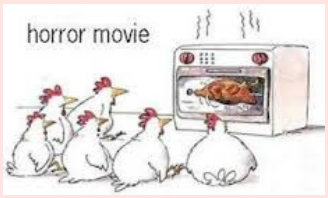
Solving Problems with Proportions

Objective: Use ratio and rate reasoning to solve real world and mathematical problems.

Nov 23-3:07 PM

Proportion:

a statement that two ratios or rates are equivalent



Nov 23-3:09 PM

https://youtu.be/he8Gl03cZHg

$\frac{1}{3} = \frac{2}{6}$

proportion

Nov 23-3:10 PM

Scale Drawing

a drawing of a real object that is proportionally smaller or larger than the real object

scale

describes how the dimensions in the objects compare

Nov 23-4:06 PM

For every 2 text messages that Anna sends, Kim sends 5. How many text messages would Anna send if Kim sends 40 messages?

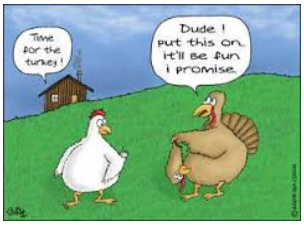
Show Answer

Feb 11-12:40 PM

Let's complete number 1 on page 179

Nov 23-4:19 PM

Ben can do 50 sit-ups in 3 minutes. At that rate, how many sit-ups can he do in 12 minutes?



Show Answer

Feb 11-12:40 PM

The scale on a map is 1 inch = 2.5 miles. Two towns on the map are 6 inches apart. What is the actual distance between the towns?

Show Answer

Feb 11-12:40 PM

1. Li can walk 2 miles in 45 minutes. At that rate, how far can she walk in 135 minutes?

2. The cooking club makes 3 chicken burritos for every 4 beef burritos they prepare. How many chicken burritos do they cook if they prepare 24 beef burritos?

Show Answer

Feb 11-12:40 PM

3. Luisa earns $20 for walking 4 dogs. How much would she earn for each dog?

4. On a map, Highmount is 5 inches from Pine Hill. If the map scale is 1 inch = 3 miles, what is the actual distance between the towns?

Show Answer

Feb 11-12:40 PM

Let's complete number 2 on page 180

Nov 21-2:26 PM

Let's complete number 3 on page 181

Nov 21-2:26 PM

Let's complete numbers 1-9 on page 182 in your table groups

Nov 21-2:26 PM

Solving Problems with Proportion

Additional Example 1

For every 2 text messages that Anna sends, Kim sends 5. How many text messages would Anna send if Kim sends 40 messages?

16 text messages

Back

1/5

Feb 11-12:40 PM

Solving Problems with Proportion

Additional Example 2

Ben can do 50 sit-ups in 3 minutes. At that rate, how many sit-ups can he do in 12 minutes?

200 sit-ups

Back

2/5

Feb 11-12:40 PM

Solving Problems with Proportion

Additional Example 3

The scale on a map is 1 inch = 2.5 miles. Two towns on the map are 6 inches apart. What is the actual distance between the towns?

15 miles

Back

3/5

Feb 11-12:40 PM

Solving Problems with Proportion

Lesson Quiz

1. Li can walk 2 miles in 45 minutes. At that rate, how far can she walk in 135 minutes?

   6 miles

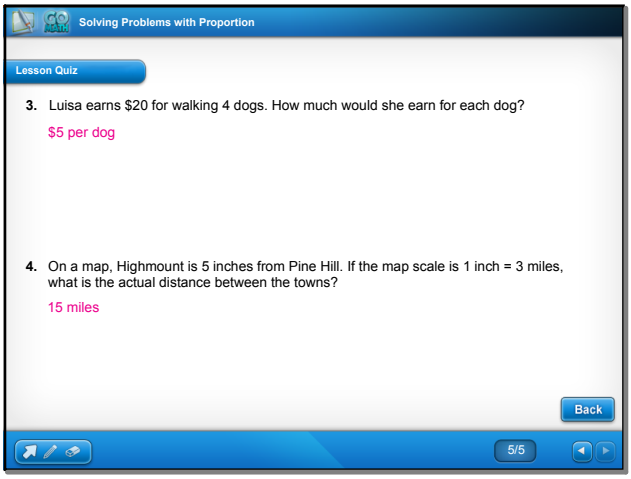
2. The cooking club makes 3 chicken burritos for every 4 beef burritos they prepare. How many chicken burritos do they cook if they prepare 24 beef burritos?

   18 chicken burritos

Back

4/5

Feb 11-12:40 PM



Feb 11-12:40 PM

Attachments

p2-frac2.psd