MY Homework

Lesson 1

Fractions and Division

Homework Helper

eHelp

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Two truckloads of mulch are used to cover seven playground areas. Each playground receives the same amount of mulch. How much mulch does each playground receive?

Two truckloads are divided to cover seven playgrounds.

$2 \div 7$
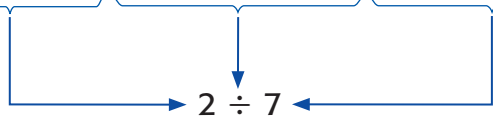
1	2	3	4	5	6	7

1	2	3	4	5	6	7

Each playground receives $\frac{2}{7}$ of a truckload.

So, $2 \div 7 = \frac{2}{7}$.

This number is between the whole numbers 0 and 1.

Practice

1. Three pounds of potatoes make eight equal-size servings of mashed potatoes. How many pounds of potatoes are in each serving? Represent the situation with a model. Then solve.

Each serving uses $\dfrac{\square}{\square}$ pound of potatoes.

So, $3 \div 8 = \dfrac{\square}{\square}$.

The answer is between the whole numbers _____ and _____.

Problem Solving

2. One large submarine sandwich is divided equally among four people. How much of the sandwich did each person receive?

_____

3. Four gallons of paint are used to paint 25 chairs. If each chair used the same amount of paint, how many gallons are used to paint each chair? Between what two whole numbers does your answer lie?

_____
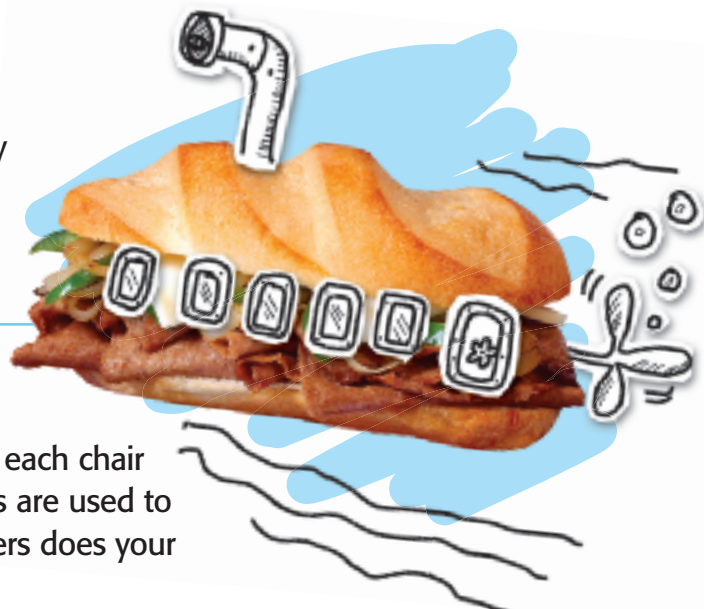
4. **Mathematical PRACTICE** ➡️ **Make Sense of Problems** Mrs. Larsen made 12 pillows from 16 yards of the same fabric. How much fabric was used to make each pillow? Between what two whole numbers does your answer lie?

_____

Vocabulary Check

5. Fill in each blank with the correct word to complete the sentence.

The numerator is the _____ number in a fraction, while the

denominator is the _____ number in a fraction.

Test Practice

6. Elena drank 5 bottles of water over 7 volleyball practices. How much water did Elena drink each practice if she drank the same amount each time?

Ⓐ $\frac{2}{7}$ bottle   Ⓒ $\frac{5}{7}$ bottle

Ⓑ $\frac{2}{5}$ bottle   Ⓓ $\frac{7}{5}$ or $1\frac{2}{5}$ bottles