

3.14 Choosing a Fraction Operation

Chapter 3: Factors, Multiples, and Fractions

Name: _____

Date: _____

Class/Period: _____

Problem 3.201 Directions:

For each problem, write an equation before solving.

Lucas plays $4\frac{3}{4}$ minutes in the first half and $7\frac{11}{20}$ minutes in the second half. Find his total time.

Problem 3.204 Directions:

For each problem, write an equation before solving.

A bag has $3\frac{7}{10}$ pounds of peanuts. Joe eats $1\frac{11}{15}$ pounds. How much remains?

Problem 3.202 Directions:

For each problem, write an equation before solving.

A fish tank decreases from $14\frac{5}{8}$ gallons to $11\frac{13}{40}$ gallons. How much water was drained?

Problem 3.205 Directions:

For each problem, write an equation before solving.

Aiden is now $22\frac{1}{2}$ inches long and was $20\frac{1}{4}$ inches long at birth. How many times as long as his birth length is his current length?

Problem 3.203 Directions:

For each problem, write an equation before solving.

Hunter weighs $\frac{5}{6}$ as much as Jake, who weighs $73\frac{7}{15}$ pounds. Find Hunter's weight.

Problem 3.206 Directions:

For each problem, write an equation before solving.

A recipe uses $3\frac{1}{4}$ cups of flour. Maya makes $1\frac{2}{3}$ batches. How much flour does she need?

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Problem 3.207 Directions:

For each problem, write an equation before solving.

A roll contains $9\frac{1}{2}$ meters of ribbon. Pieces are $\frac{3}{4}$ meter long. How many complete pieces can be cut, and how much ribbon remains?

Problem 3.208 Directions:

For each problem, write an equation before solving.

A tank contains $18\frac{3}{5}$ liters. One-fourth is used, then $2\frac{1}{2}$ liters are added. How much is in the tank now?