Lesson 20:

Solve multi-step word problems involving the four operations.

CCSS Standard – 5.OA.A.1 / 5.OA.A.2 / 5.NBT

FLUENCY (5-min) **Counting by Multiples of 8, 80, 9, and 90**

When I give the signal, say the first ten multiples of 8 and 80.
Ready?

Multiples of 8: ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐

Multiples of 80: ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐

FLUENCY (5-min) **Counting by Multiples of 8, 80, 9, and 90**

When I give the signal, say the first ten multiples of 9 and 90.
Ready?

Multiples of 9: ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐

Multiples of 90: ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐, ☐

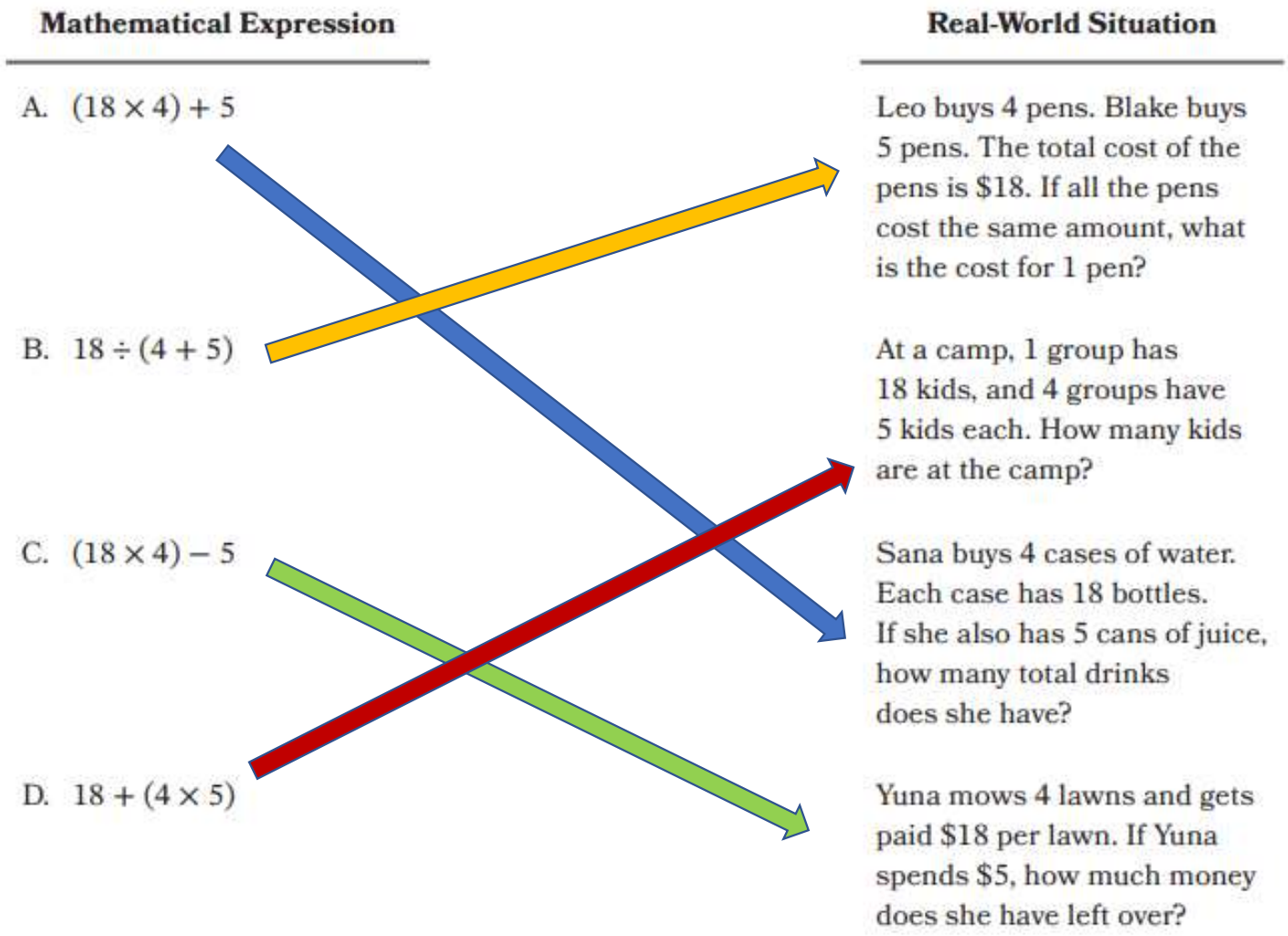
LAUNCH (5-min)

Match mathematical expressions with real-world situation

LEARN BOOK – Page 169

What is the difference between the meaning of expression A and the meaning of expression C?

What is the difference between the meaning of expression A and the meaning of expression D?



LEARN (40-min)

Students solve multi-step word problems with multiple operations and compare their methods with other students.

LEARN BOOK – Page 170

Jada is saving money for a computer that costs $1,149. That is three times as much money as she has already saved. Her parents also gave her $150 for the computer. Jada earns $14 each hour at her job. How many hours does Jada need to work to earn the remaining money she needs to buy the computer?

STEP 1: How much money does Jada already have?

$1,149 ÷ 3 =

$383

STEP 2: How much money does Jada need?

$1,149
- $383
$766
- $150
$616

STEP 3: How many hours will Jada need to work?

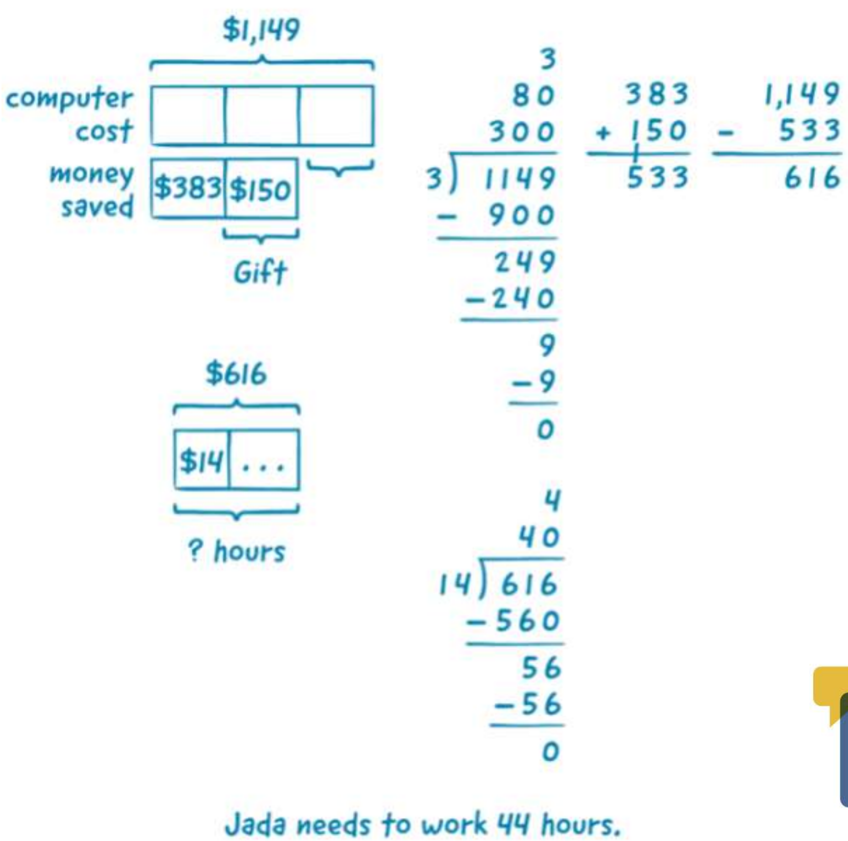
$616 ÷ $14 =

44 hours

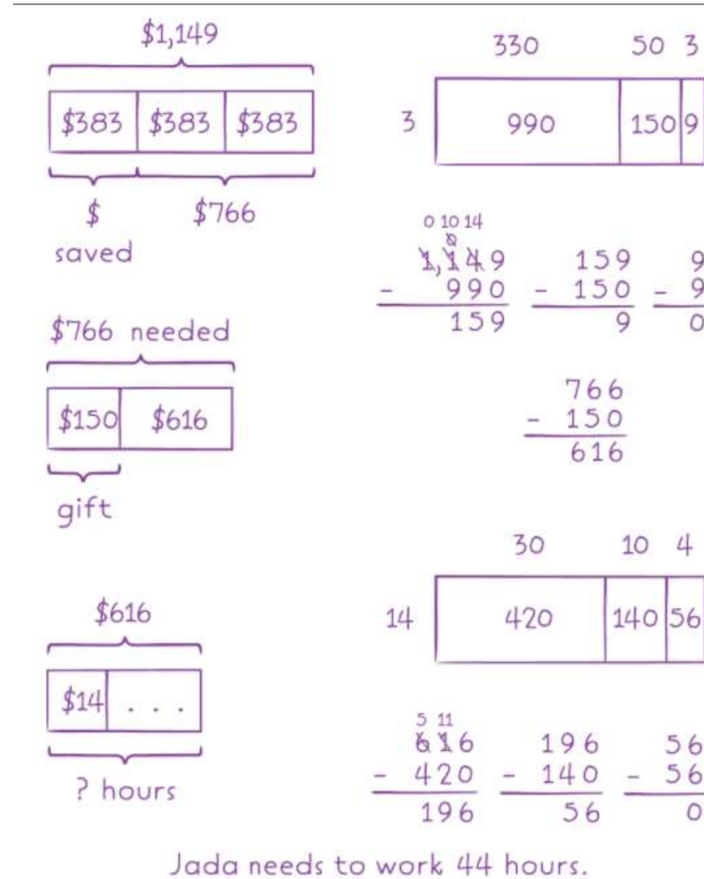
LEARN (40-min)

LEARN BOOK – Page 170

Jada is saving money for a computer that costs $1,149. That is three times as much money as she has already saved. Her parents also gave her $150 for the computer. Jada earns $14 each hour at her job. How many hours does Jada need to work to earn the remaining money she needs to buy the computer?



LET'S DISCUSS...



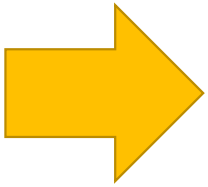
LEARN (40-min)

Students solve multi-step word problems with multiple operations and compare their methods with other students.

LEARN BOOK – Page 171

Noah delivers packages 4 days per week. He is expected to deliver 115 packages each day that he works. This week, he delivers 48 extra packages. How many packages does Noah deliver this week?

STEP 1: How many packages is he expected to deliver each week?



STEP 2: With the extra packages included, how many packages does Noah deliver this week?

4 x 115 =

460

460 + 48

508 packages

LAND (10-min)

Exit Ticket

Name _____ Date _____

20

Use the Read–Draw–Write process to solve the problem.

Sasha builds a fence around part of her yard. The three sides of the fence measure 88 feet, 32 feet, and 48 feet. The fence comes in pieces that are 8 feet long. Each piece costs $48. How much does the fence cost?

Exit Ticket – PAGE 175

Small Group Time:
Problem Set Page 171

Homework:
Page 127 APPLY BOOK