Unit 5 Module 3 | Session 1

NAME *Landon* | DATE

More Story Problems page 1 of 2

1 Write your own story problem to fit this equation: $7 \times 5 = m$

There were 7 kids each wanted 5 baseball cards. How many cards in all?

2 Write your own story problem to fit this equation: $35 \div 5 = n$

There are 35 donuts at Dunkin donuts there are 5 customers left how many donuts do each customer get?

Solve each problem in your math journal. Show your thinking using numbers, labeled sketches, or words. Then write an equation that represents the problem and the solution on this page.

3 Ms. Rowan has 6 tables in her classroom, and 24 students. If she divides the students evenly among the tables, how many students will sit at each table?

$24 \div 6 = \boxed{4}$ students at each table.

4 Teresa has 24 stickers in her sticker book. Each page holds 6 stickers. How many pages does her sticker book have?

$24 \div 6 = \boxed{4}$ Pages

5 Steve baked 36 cookies. He put 4 cookies in each bag. How many bags of cookies did he have?

36 cookies $\div 4 = \boxed{9}$ bags of cookies

6 Craig gave his sister 4 boxes of new markers. She was happy to get 36 new markers. How many markers were in each box, if each box held exactly the same number of markers?

$36 \div 4 = \boxed{9}$ per box

7 Ms. Allyn was getting ready for a math investigation. Each student needed 8 paperclips. She had 32 paperclips. How many students were able to do the investigation?

$32 \div 8 = \boxed{4}$ students

Unit 5 Module 3 | Session 1

NAME _____ | DATE _____

More Story Problems page 2 of 2

8 The math club was going on a field trip. They were driving 8 school vans. If there were 32 students in the math club, and each van took the same number of students, how many students went in each van?

$$32 \div 8 = \boxed{4} \text{ buses}$$

9 Each student in the gym class gathered 4 tennis balls. There were 25 students in the class. Then, the gym teacher divided the balls evenly into 20 different buckets. How many balls are in each bucket?

Which equation would help you solve this problem?

○ $(4 + 25) \times 20 = b$

○ $(4 \times 25) + 20 = b$

○ $(20 \div 4) - 24 = b$

◉ $(4 \times 25) \div 20 = b$

10 **CHALLENGE** Mr. Garner gathered $6.50 from each student going to a music festival. He needed to divide the money evenly to pay the field trip helpers: the bus driver, the lunchroom lady, the person running the festival, and the photographer. He has 26 students going to the festival. How much money did he pay each field trip helper?

$$6.50 \times 26$$

$$26 \times 6 = 156$$
$$+ 13$$
$$\overline{\$169.00}$$

$$\boxed{42.25}$$

$$\begin{array}{r} 042.25 \\ 4 \overline{)169.00} \\ -0 \\ \hline 16 \\ 16 \\ \hline 09 \\ -8 \\ \hline 10 \end{array}$$

$$8$$

$$20 - 20 = 0$$