Unit 1 SOS

Number and Operations in Base Ten
1. Use place value understanding to round whole numbers to the nearest 10 or 100.

Operations and Algebraic Thinking
1. Interpret products of whole numbers, e.g., interpret 5 × 7 as the total number of objects in 5 groups of 7 objects each. For example, describe a context in which a total number of objects can be expressed as 5 × 7.
2. 2. Interpret whole-number quotients of whole numbers, e.g., interpret 56 ÷ 8 as the number of objects in each share when 56 objects are partitioned equally into 8 shares, or as a number of shares when 56 objects are partitioned into equal shares of 8 objects each. For example, describe a context in which a number of shares or a number of groups can be expressed as 56 ÷ 8.
3. 3. Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem

Array

Macy likes to run laps around the school. The table shows the number of days and laps Macy runs.

How many laps does Macy run total?

Write a multiplication equation that you can use to answer the question.

------- x -------- = ----------

Which problem can be solved using the division equation 16 / 8 equals 2.

a. Kenady puts 16 stickers on each page. How many stickers does she put on 8 pages?
b. Tommy has 16 stickers. He gives 8 stickers to a friend. How many stickers does Tommy have now?
c. Teagan puts 16 stickers on one page. She puts 8 stickers on another page. How many stickers did she put on the pages in all?
d. Leah has 16 stickers. She puts an equal number of stickers on each of 8 pages. How many stickers does Leah put on each page?

Which division equations are shown by the array?

a. 18 / 2 = 9
b. 18 / 3 = 6
c. 18 / 6 = 3
d. 18 / 9 = 2
e. 18 / 4 = 6

Ethan has 16 basketballs and 4 buckets to put them in. He puts the same number of basketballs in each bucket. How many basketballs does Ethan put in each bucket?

Dray an array to show 16 / 4.

Henry has 24 cupcakes. He gives an equal number of cupcakes to each of his 12 friends. How many cupcakes does Henry give to each friend? Show your work.

Answer: _____ cupcakes