Grade 3 Module 3 Topic D Quiz

Travis writes 72 = 9 × 8. Is he correct? Explain at least 2 strategies Travis can use to check his work.

Skip-count by nine to fill in the blanks.
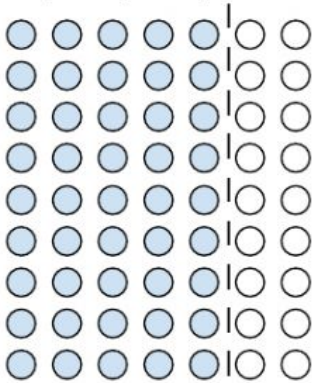
9, _____, _____, _____, _____, _____, _____, _____, 81

Use your skip counting to solve 9 x 7.

$$9 \times 7 = _____$$

Use your skip counting to solve 72 ÷ 9.

$$72 \div 9 = _____$$

Explain how knowing 9 x 5 and 9 x 2 can help you find the answer to 9 x 7. You may use this drawing as part of your explanation.

[ ] In 9x5 and 9x2, the 5 and the 2 equal 7.
9x5=45 and 9x2=18
45+18= 63

[ ] Knowing 9x5 and 9x2 can not help you solve 9x7 because they are different problems.

[ ] Skip counting by nine 5 times and then 2 times will give you two different answers.
Counting by 9 7 times is not the same answer.

Solve each problem. Draw a tape diagram and write an equation to explain your solution.

Mrs. Parson gave each of her grandchildren $9. She gave a total of $36. How many grandchildren does Mrs. Parson have?

_____ _____ _____ _____ _____ _____ _____ _____ _____

Total is $36
There are 9 children

_____ x _____ = _____   _____ % _____ = _____

Derek cuts 7 pieces of wire. Each piece is 9 meters long. What is the total length of the 7 pieces?

_____ _____ _____ _____ _____ _____ _____

_____ x _____ = _____   The Total is _____ cm