



Name _____

Date _____

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Tape Diagram and Model Drawing
Problem Solving, Addition, Subtraction, Multiplication and Division
(4.NBT.4)(4.NBT.5)

Directions: Solve the following word problem using numbers, pictures (model drawings), and words. ☺

Salesmen A sold 312 cars this year. Salesmen B sold $\frac{1}{3}$ what salesmen A sold. Salesmen C sold 46 cars fewer than salesmen B. How many cars did salesmen B sell? How many cars did salesmen C sell? How many cars did they sell altogether?

Answer: _____



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KEY

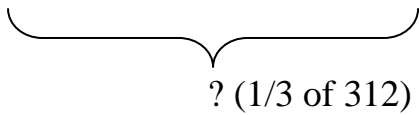
Answer:

312



Salesmen A

Salesmen B



$$312 \div 3 = 104$$

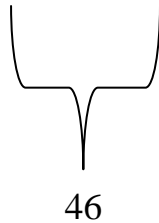
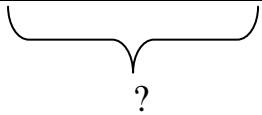
Salesmen B sold 104 cars

104



Salesmen B

Salesmen C



$$104 - 46 = 58$$

Salesmen B sold 104 cars. Salesmen C sold 58 cars. Together they sold 162 cars.