



Name _____

Date _____

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Division of Whole Numbers, Remainders

Word Problems

(4.NBT.6)

Directions: Solve the following word problem using numbers and words.

A new jewelry store has 709 necklaces to sell. They have 5 identical cases for necklaces with a separate hook for each necklace. If the same number of necklaces will be in each case, what is the highest number of necklaces that will be displayed in each case? How many necklaces will not be displayed? Show all of your work and explain your answer.

Answer: _____



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KEY

Answer:

Each case will display 141 necklaces, with 4 left over.

$$709 \div 5 = 141 \text{ r } 4$$

709	5		
<u>-500</u>	500	100	100
209	100	20	20
<u>-100</u>	100	20	20
109	5	1	<u>+ 1</u>
<u>-100</u>			141
9	r 4		
<u>-5</u>			
4			

$$709 \div 5 = 141 \text{ r } 4$$

$$\text{Check: } 141 \times 5 = 705 \quad 705 + 4 = 709$$