

# In and Out Boxes - Word Problems

- a. Adam is exactly 4 years older than Jen. Complete the table to show their ages.

Adam and Jen's Ages (Years)

Adam	5	7		15	
Jen			5		20

When Adam was 7 years old, how old was Jen? \_\_\_\_\_

When Jen was 5, how old was Adam? \_\_\_\_\_

Adam says when he turns 36, Jen will be 31. Is he correct? Explain.

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- b. Bike sale prices. Complete the table to show the price of the assembled and unassembled bikes.

Bicycle Land Sale Prices

Price of Bicycle	\$56	\$62		\$102	
Price of Assembled Bicycle			\$87		\$142

What is the price of an assembled bike that is marked \$62? \_\_\_\_\_

A bike has a tag on it that reads \$99. What would be the price if you wanted to include assembly of the bike? Explain how you found your answer.

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## In and Out Boxes - Word Problems

- a. Adam is exactly 4 years older than Jen. Complete the table to show their ages.

Adam and Jen's Ages (Years)

Adam	5	7	<u>9</u>	15	<u>24</u>
Jen	<u>1</u>	<u>3</u>	5	<u>11</u>	20

When Adam was 7 years old, how old was Jen? 3

When Jen was 5, how old was Adam? 9

Adam says when he turns 36, Jen will be 31. Is he correct? Explain.

**No, he is not correct. Jen is 4 years younger than Adam, so when Adam is 36, Jen will be 32.**



- b. Bike  
So  
Sale price. Complete the table to show the price of the assembled and unassembled bikes.

Bicycle Land Sale Prices

Price of Bicycle	\$56	\$62	<u>\$78</u>	\$102	<u>\$133</u>
Price of Assembled Bicycle	<u>\$65</u>	<u>\$71</u>	\$87	<u>\$111</u>	\$142

What is the price of an assembled bike that is marked \$62? \$71

A bike has a tag on it that reads \$99. What would be the price if you wanted to include assembly of the bike? Explain how you found your answer.

**\$108. You just add \$9 to the price to find the price of an assembled bike.**