

## Check the Prices



My absent-minded uncle owns a game and hobby store. His store carries eight different chess sets. The least expensive set sells for \$5, and the most expensive one sells for \$196. He has arranged them on the shelf in order from least expensive to most expensive. He has a problem. He cannot remember the prices of the other six chess sets. He does remember that the price of the third chess set equals the price of the first and second sets combined. The price of the fourth set equals the price of the second and third sets combined. The prices for the fifth, sixth, seventh, and eighth sets also follow this rule. Each one equals the sum of the prices of the two previous sets. My uncle will give me anything I want from his store if I can help him figure out the prices of all eight chess sets.

What are they? \_\_\_\_\_  
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