Solve each word problem involving sequences.

Solve for x. Show your work.

1. Bacteria count starts at 500 and doubles each hour. text{Count after 6 hours?

2. Bacteria count starts at 200 and doubles each hour. text{Count after 6 hours?

3. A car worth $10000 depreciates 20% per year. text{Value after 4 years?

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5. Bacteria count starts at 500 and doubles each hour. text{Count after 4 hours?

6. A car worth $15000 depreciates 20% per year. text{Value after 3 years?

7. Bacteria count starts at 200 and doubles each hour. text{Count after 6 hours?

8. Bacteria count starts at 200 and doubles each hour. text{Count after 4 hours?

Solve each word problem involving sequences. – Answer Key

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