Patterns: Extending Tables

In **1–3**, fill in the tables and find the relationship between the corresponding terms.

1. **Rule A:** Start with 40. Subtract 5.   **Rule B:** Start with 63. Subtract 5.

	Start	First Term	Second Term	Third Term
Rule A	40	35		
Rule B	63	58		

2. **Rule C:** Start with 64. Divide by 4.   **Rule D:** Start with 128. Divide by 4.

	Start	First Term	Second Term	Third Term
Rule C	64			
Rule D	128			

3. **Rule G:** Start with 3. Multiply by 2.   **Rule H:** Start with 6. Multiply by 2.

	Start	First Term	Second Term	Third Term
Rule G				
Rule H				

In **4–7,** find the relationship between the corresponding terms in each rule.

4. **Rule A:** Start with 47. Subtract 3.

   Rule B: Start with 59. Subtract 3.

5. **Rule A:** Start with 9. Add 4.

   Rule B: Start with 22. Add 4.

6. **Rule A:** Start with 6. Multiply by 2.

   Rule B: Start with 18. Multiply by 2.

7. **Rule A:** Start with 64. Divide by 2.

   Rule B: Start with 256. Divide by 2.