



Name \_\_\_\_\_



## Patterns with Decimals



Write a rule for the sequence. Then find the unknown term.



**COMMON CORE STANDARD—5.NBT.B.7**

*Perform operations with multi-digit whole numbers and with decimals to hundredths.*

1. 2.6, 3.92, 5.24, 6.56, 7.88

2. 25.7, 24.1, \_\_\_\_\_, 20.9, 19.3



**Think:**  $2.6 + ? = 3.92$ ;  $3.92 + ? = 5.24$

$$2.6 + 1.32 = 3.92$$

$$3.92 + 1.32 = 5.24$$



Rule: \_\_\_\_\_ **add 1.32** \_\_\_\_\_

Rule: \_\_\_\_\_



Write the first four terms of the sequence.



3. **Rule:** start at 17.3, add 0.9



4. **Rule:** start at 28.6, subtract 3.1