Name _____ Date _____ Class _____

Identify a pattern in each sequence, and name the next three terms.

1. 3, 9, 27, 81, __, __, __,...

2. 1, 2, 4, 8, __, __, __,...

3. 97, 90, 83, 76, __, __, __,...

4. 160, 80, 40, 20, __, __, __,...

5. 6, 11, 16, 21, __, __, __,...

6. 110, 101, 92, 83, 74, __, __, __,...

7. 2, 8, 32, 128, __, __, __,...

8. 109, 106, 103, 100 __, __, __,...

9. 15, 22, 29, 36, __, __, __,...

10. 72, 63, 54, 45 __, __, __,...

Identify a pattern in each sequence, and name the missing terms.

11. 3, 12, __, 192, __, 3,072,...

12. 3, 22, __, 60, __, __, 117, 136,...

13. 160, 145, __, __, 100, 85, __, 55,...

14. 704, 352, __, __, 44, __, 11,...

15. 6, 26, 46, __, __, 106, 126, __,...

16. 86, 80, __, 68, __, 56, __, 44,...

17. Tonya recorded the time it took her to run a mile each day for the past 3 days. It took Tonya 11 minutes 5 seconds the first day, 11 minutes the second day, and 10 minutes 55 seconds the third day. If this pattern continues, how long will it take Tonya to run a mile on the 5th day?

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