Finding the next terms of a geometric sequence with whole numbers: Worksheet 14.2

Name Score	
1.	The first three terms of a geometric sequence are 3, 21, and 147. Find the next two terms of this sequence.
2.	The first three terms of a geometric sequence are 120, 60, and 30. Find the next two terms of this sequence.
3.	The first three terms of a geometric sequence are 4, 12, and 36. Find the next two terms of this sequence.
4.	The first three terms of a geometric sequence are 8, -16, and 32. Find the next two terms of this sequence.
5.	The first three terms of a geometric sequence are 2, -12, and 72. Find the next two terms of this sequence.
6.	The first three terms of a geometric sequence are 5, 40, and 320. Find the next two terms of this sequence.
7.	The first three terms of a geometric sequence are -6 , 12, and -24 . Find the next two terms of this sequence.
8.	The first three terms of a geometric sequence are 250, 50, and 10. Find the next two terms of this sequence.
9.	The first three terms of a geometric sequence are 8, -24, and 72. Find the next two terms of this sequence.
10.	The first three terms of a geometric sequence are 4, 36, and 324. Find the next two terms of this sequence.



Solutions: Worksheet 14.2

- 1. 1029,7203
- 2. 15, 7.5
- 3. 108, 324
- 4. -64, 128
- 5. -432, 2592
- 6. 2560, 20480
- 7. 48, -96
- 8. 2, 0.4
- 9. -216,648
- 10. 2916, 26,244