



Math worksheet on 'Number Sequences - Geometric, First Terms (Level 1)'. Part of a broader unit on 'Patterns and Sums - Practice'

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1 What are the first 3 terms, starting with  $x = 1$  in this number sequence

$$7^x$$

- a 1, 128, 2187
- b 7, 49, 343
- c 7, 896, 15309
- d 7, 28, 63
- e 14, 28, 42
- f 7, 56, 189

2 What are the first 3 terms, starting with  $r = 1$  in this number sequence

$$7^r$$

- a 14, 28, 42
- b 1, 128, 2187
- c 7, 56, 189
- d 7, 28, 63
- e 7, 896, 15309
- f 7, 49, 343

3 What are the first 3 terms, starting with  $c = 1$  in this number sequence

$$2^c$$

- a 6, 8, 10
- b 2, 8, 18
- c 1, 4, 9
- d 2, 4, 8
- e 2, 16, 54
- f 4, 8, 12

4 What are the first 3 terms, starting with  $d = 1$  in this number sequence

$$2^d$$

- a 6, 8, 10
- b 2, 4, 8
- c 4, 8, 12
- d 2, 8, 18
- e 1, 4, 9
- f 2, 16, 54

5 What are the first 3 terms, starting with  $d = 1$  in this number sequence

$$3^d$$

- a 3, 24, 81
- b 3, 12, 27
- c 6, 12, 18
- d 3, 9, 27
- e 9, 12, 15
- f 1, 8, 27

6 What are the first 3 terms, starting with  $b = 1$  in this number sequence

$$9^b$$

- a 9, 36, 81
- b 9, 81, 729
- c 18, 36, 54
- d 9, 72, 243
- e 1, 512, 19683
- f 9, 4608, 177147

7 What are the first 3 terms, starting with  $p = 1$  in this number sequence

$$4^p$$

- a 4, 64, 324
- b 1, 16, 81
- c 4, 16, 36
- d 4, 16, 64
- e 8, 16, 24
- f 4, 32, 108