



Math worksheet on 'Number Sequences - Geometric, First Terms (Level 2)'. 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

$$5^x$$

a	1, 32, 243
b	5, 160, 1215
c	5, 20, 45
d	10, 20, 30
e	5, 25, 125
f	5, 40, 135

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

$$6^r$$

a	6, 24, 54
b	6, 384, 4374
c	6, 36, 216
d	6, 48, 162
e	1, 64, 729
f	12, 24, 36

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

$$2^y$$

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

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

$$3^n$$

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

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

$$3^b$$

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

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

$$9^p$$

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

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

$$2^b$$

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