



Math worksheet on 'Number Sequences - Geometric, Specific Term (Level 2)'. Part of a broader unit on 'Patterns and Sums - Practice'

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1 What is the term in this number sequence when $d = 1$

| | | |
|----------|----------|----------|
| a | b | c |
| 1 | 7 | 14 |
| d | | |
| 21 | | |

7^d

2 What is the term in this number sequence when $z = 1$

| | | |
|----------|----------|----------|
| a | b | c |
| 1 | 27 | 18 |
| d | | |
| 9 | | |

9^z

3 What is the term in this number sequence when $p = 1$

| | | |
|----------|----------|----------|
| a | b | c |
| 1 | 8 | 16 |
| d | | |
| 24 | | |

8^p

4 What is the term in this number sequence when $p = 2$

| | | |
|----------|----------|----------|
| a | b | c |
| 12 | 9 | 24 |
| d | | |
| 8 | | |

3^p

5 What is the term in this number sequence when $n = 3$

| | |
|----------|----------|
| a | b |
| 81 | 19683 |
| c | d |
| 729 | 243 |
| e | f |
| 177147 | 54 |

9^n

6 What is the term in this number sequence when $c = 2$

| | | |
|----------|----------|----------|
| a | b | c |
| 20 | 25 | 40 |
| d | e | |
| 160 | 32 | |

5^c

7 What is the term in this number sequence when $r = 2$

| | | |
|----------|----------|----------|
| a | b | c |
| 64 | 36 | 24 |
| d | e | |
| 384 | 48 | |

6^r