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| **Geometric Sequences** | | | |
| **(a)** | **(b)** | **(c)** | **(d)** |
| Find the next two terms in the sequence | Find the next two terms in the sequence | Find the first four terms of the sequence with first term and common ratio | Find the first term and common ratio for the sequence: |
| **(e)** | **(f)** | **(g)** | **(h)** |
| Find the first term and common ratio for the sequence: | Find the next two terms in the sequence | Find the first four terms of the sequence with first term and common ratio | Find the first term and common ratio for the sequence: |
| **(i)** | **(j)** | **(k)** | **(l)** |
| Find the first four terms of the sequence with first term and common ratio | Find the first four terms of the sequence with nth term | Find the nth term of the sequence with first term and common ratio | Find the nth term of the sequence with first term and common ratio |
| **(m)** | **(n)** | **(p)** | |
| Find the first four terms of the sequence with nth term | Find the nth term of the sequence with first term and common ratio | A tree starts with four branches. Every month each branch splits into two. How many branches will the tree have after 5 months? Find a formula for the number of branches after months. | |