

What's Missing?

Leader



Introduce the concept of numerical and geometric sequences.



You will need:

- Pencil



Do this:

- The student should be advised to study the terms given and then fill in the blanks so that they continue the given pattern.
- Allow the student to describe the pattern and the method used to complete the sequence.



Dolan, Daniel T., and James Williamson. *Teaching Problem-Solving Strategies*. Addison-Wesley Publishing Company, Inc. 1983:227.

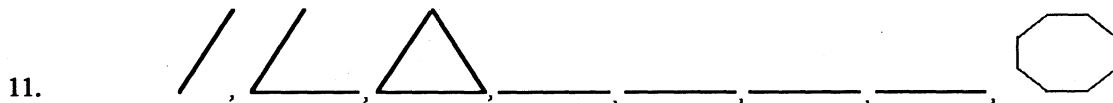
Student _____



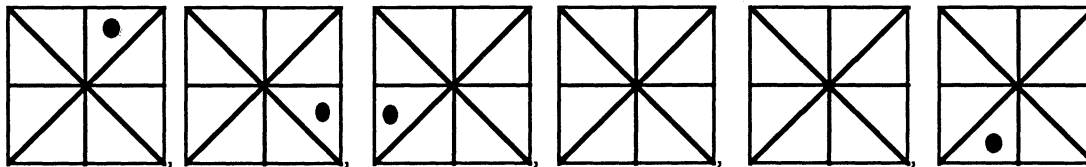
Do this:

- Look at the sequences below and fill in the blanks so that your answers complete the pattern.

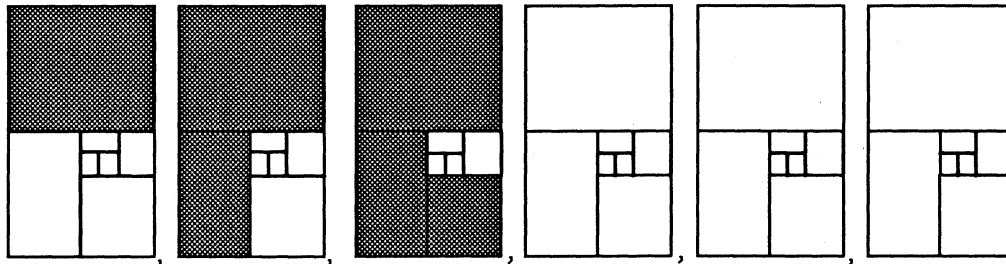
- 1, 4, 7, 10, _____, _____, _____, _____, 25
- 0, 5, 10, 15, _____, _____, _____, _____, 40
- 61, 57, 53, _____, _____, _____, _____, 33
- 1×2 , 2×3 , 3×4 , _____, _____, _____, _____, 8×9
- 3, 6, 12, _____, _____, _____, _____, 384
- 1, 3, 6, 10, _____, _____, _____, _____, 45
- 101, 99, 96, _____, _____, _____, _____, 66
- 2, 4, 8, _____, _____, _____, _____, 256
- 720, 360, 120, _____, _____, _____, _____, $1/7$
- 1, 4, 3, 6, 5, _____, _____, _____, _____, 9, 12



12. Put a dot in the 4th and 5th figures to fit the pattern.



13. Shade the parts of the last three figures to fit the pattern.



WHAT I FOUND