

Shape Patterns

1. a) Continue this pattern with counters or square tiles for two more terms.



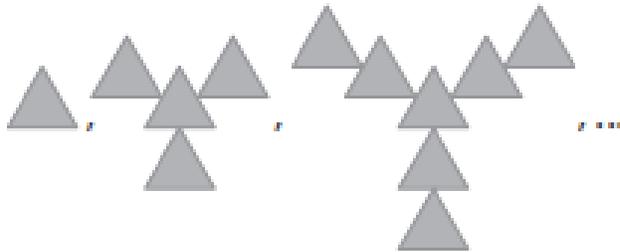
- b) What number pattern matches this shape pattern?
- c) Is this pattern a linear pattern?
2. a) Build a linear growing pattern with square tiles.
What number pattern matches your square tile pattern?
- b) How many terms of your pattern could you build with 60 tiles?

Shape Patterns (continued)

3. a) Draw a shape pattern to match this number pattern:
2, 4, 6, 8, 10, ...

- b) Create a table of values and a graph for this pattern.

4. What is the 20th term in the number pattern that matches this shape pattern?



- A** 60
B 58
C 61
D 64



Name: _____ Date: _____

Shape Patterns (continued)

5. a) What is a possible pattern rule for this pattern with missing terms?

40, __, 32, 28, __, __

- b) What do you think the missing terms might be?