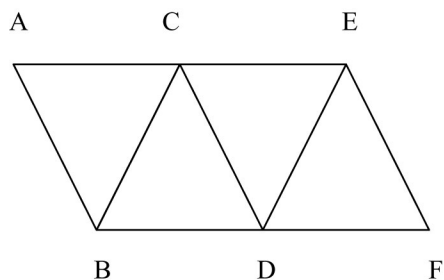


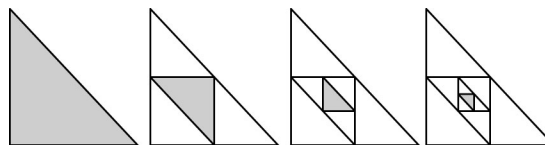
Practice: Focus on Representing

1. Kendra got lost. She drove 3 km west, then 5 km north, 6 km east, 4 km south, and 3 km west. Where is Kendra relative to where she started?
2. How many different paths are there from A to F, without going back?



3. A palindrome is a word, number, or phrase that reads the same forwards and backwards. These are palindromes: label, 3663, not a ton.
 - a) How many times each day will the time displayed on a digital clock be a palindrome?
 - b) The years 1991 and 2002 are palindromes. When are the next three palindrome years? When were the last three before 1991?

4. Liam made this pattern with right isosceles triangles.



- a) The legs of the largest shaded triangle are 8 cm long. What is the area of the largest triangle?
- b) What are the side lengths of each of the smaller shaded triangles?
- c) Find the area of each of the shaded triangles. Describe the patterns in the side lengths and in the areas.