Problem Solving - Lessons 16 - 18

Problem Solving with Sixes	
Write the equation and solve. **Example 1:** How many sides are in four regular hexagons? (Hint: one hexagon has six sides) n = the number of sides n = 4 x 6 n = 24 Four hexagons would have twenty-four sides.	**Example 2:** What is the area of a rectangle that has a length of six inches and a width of four inches? Hint: Area is length times width. A = the area of the rectangle A = 6 x 4 A = 24 The area of the rectangles is twenty four square inches. or 24 in^2
1. How many sides are in five hexagons?	4. What is the area of a rectangle that has a length of six inches and a width of seven inches?
2. How many sides are in eight hexagons?	5. What is the area of a rectangle that has a length of nine inches and a width of six inches?
3. There are six boxes of pencils on the teacher's desk. Each box has ten pencils. How many pencils all together?	6. There are six horses in the barn. How many legs do they have all together?