Creating Patterns Lesson

Problem: Start at 21 and make a pattern using the plus 8 rule. What is the fifth number in the pattern?

Explanation:

Step 1) Apply all the things that are explained in the problem:

a) **Start at 21**

21

b) **make a pattern using the plus 8 rule.**

We will add 8 to each number successively.

21, (21 + 8)

21, 29, (29 + 8)

21, 29, 37, (37 + 8)

21, 29, 37, 45, (45 + 8)

21, 29, 37, 45, 53, (53 + 8)

21, 29, 37, 45, 53, 61

c) **What is the fifth number in the pattern?**

21, 29, 37, 45, **53**, 61

53 is the answer.