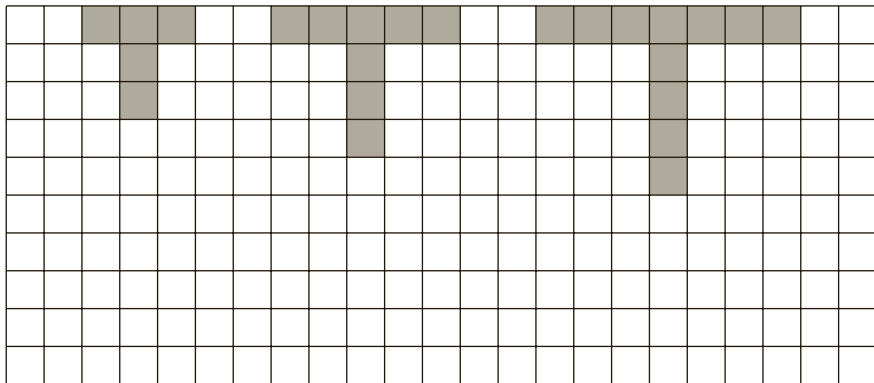


Aaron shaded squares to make a pattern of T shapes, as shown below.



Aaron shaded 5 squares to make the first T. Then he shaded 3 more squares each time he made the next T in his pattern. Aaron continued his pattern.

- On the grid in your Student Answer Booklet, shade squares to make the fourth T in Aaron's pattern.
- How many squares in all does Aaron need to shade to make the **sixth** T in his pattern? Show or explain how you got your answer.
- Will there be any T in Aaron's pattern that has **exactly** 30 shaded squares? Show or explain how you got your answer.