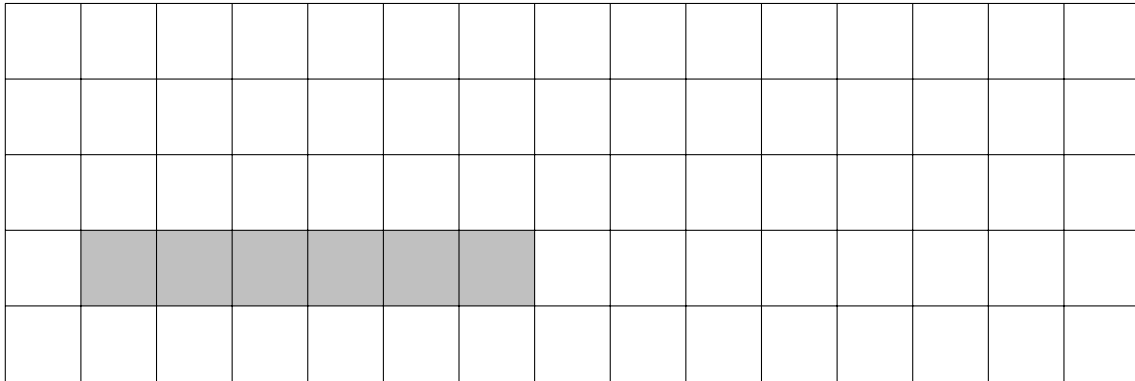


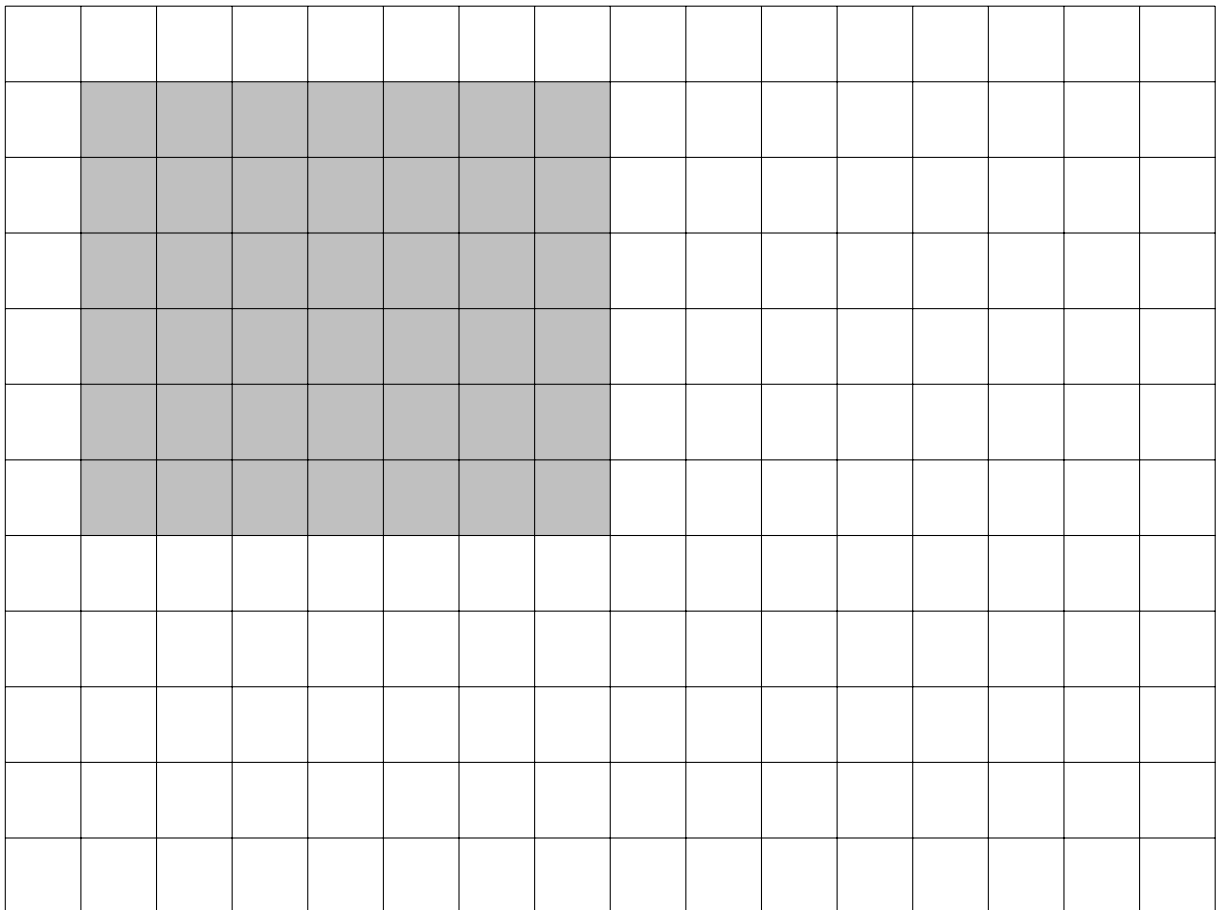
1. 6 written as a product of its prime factors = 2×3

On the centimetre grid, draw a **different** rectangle with an area of 6 cm^2

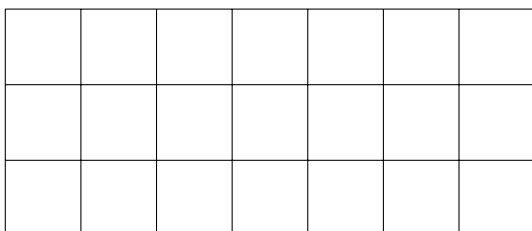


2. 42 written as a product of its prime factors = $2 \times 3 \times 7$

On the centimetre grid, draw a **different** rectangle with an area of 42 cm^2

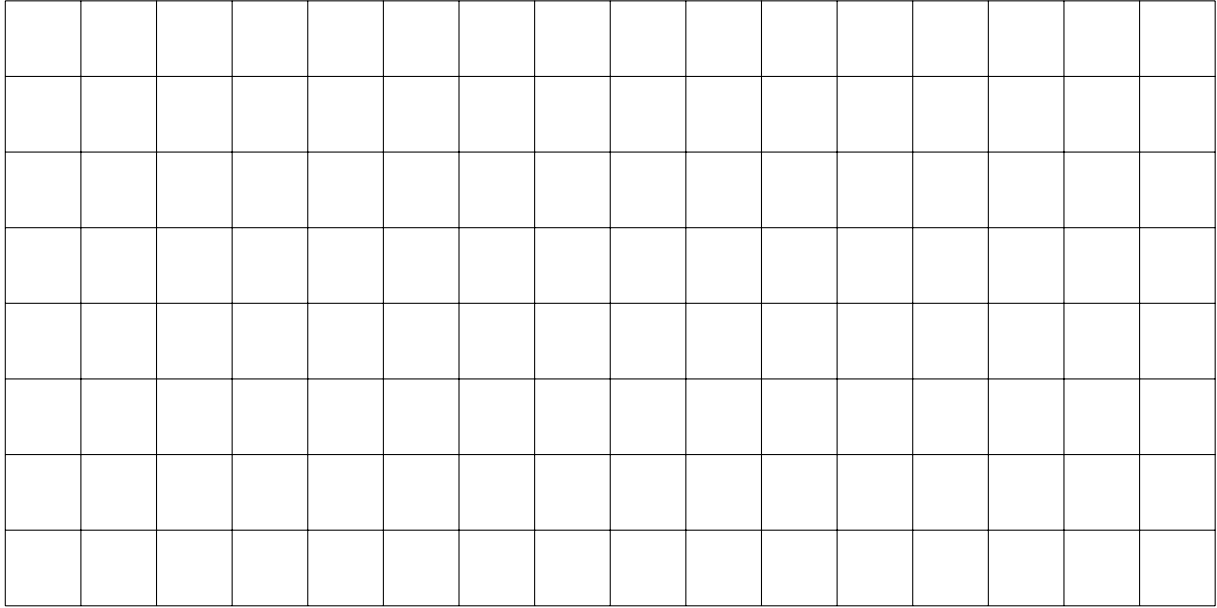


3. On the centimetre grid, draw a **rectangle** with an area of 8 cm^2

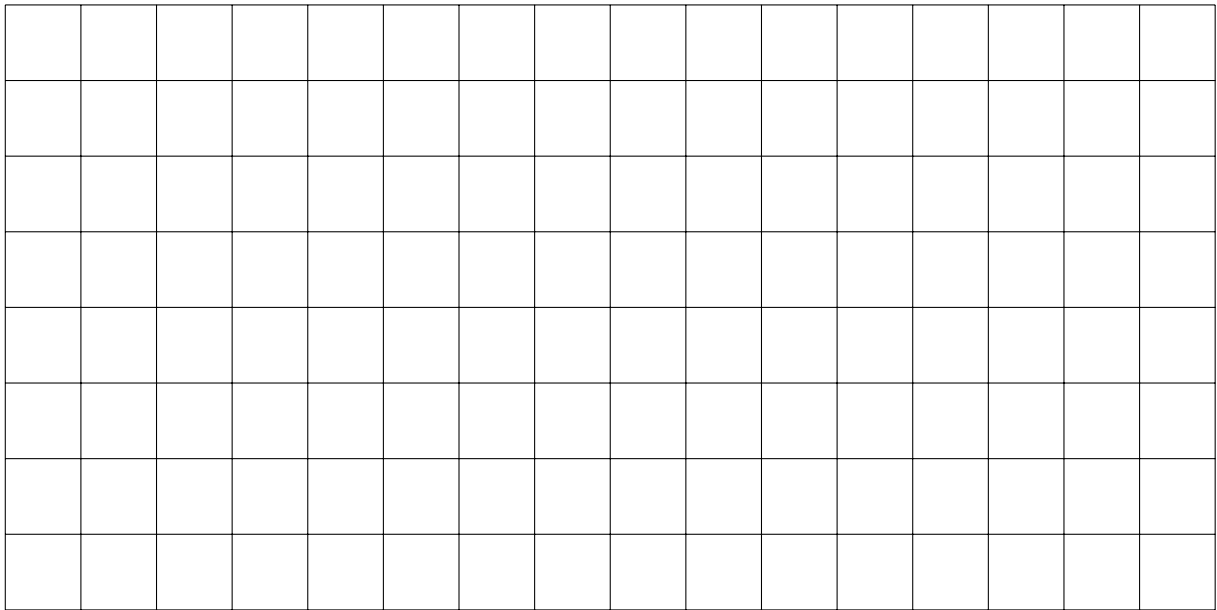


Turn over for more questions and answers

4. On the centimetre grid, draw a **rectangle** with an area of 32 cm^2



5. On the centimetre grid, draw a **rectangle** with an area of 24 cm^2



Extension draw other possible rectangles for questions 4 and 5

Answers

- 1) rectangle 3 cm by 2 cm
- 2) rectangle 3 cm by 14 cm
- 3) rectangle 2 cm by 4 cm
- 4) rectangle 2cm by 16 cm or 4 cm by 8 cm
- 5) rectangle 2cm by 12 cm or 3 cm by 8 cm or 4 cm by 6 cm