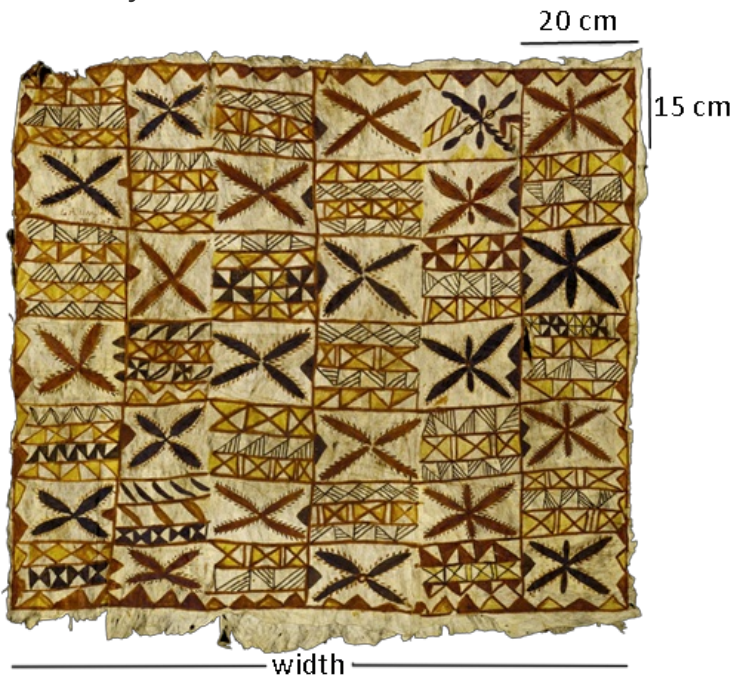# Measuring tapa cloth

This task is about working out dimensions and area of a tapa cloth.

Elisaia is measuring his tapa cloth.
Each small section is about 20cm by 15cm.

a) What is the approximate **width** of the cloth?

○ 1 metre	○ 1.2 metres
○ 1.4 metres	○ 1.8 metres
○ 2 metres	○ 3 metres

b) What is the approximate **height** of the cloth?

○ 1 metre

○ 1.05 metres

○ 1.25 metres

○ 1.5 metres

○ 2 metres

○ 3 metres

c) Six people give ideas about how to work out the area of the tapa cloth.

   Select **all** the ways/strategies that would give the correct answer (you can choose as many as you want).

- ○ "Go 20 + 15 and multiply it by the number of rectangles in the tapa cloth"

- ○ "Work out the height and width, and then add them together"

- ○ "Go 20 × 15 and multiply it by the number of rectangles in the tapa cloth"

- ○ "Work out the height and times it by the number of columns"

- ○ "Work out the height and width, and then multiply the two together"

- ○ "Multiply 20cm by 6 and 15cm by 7 and add the numbers together"

d) Use the small sections to work out the area.
   What is the approximate area of the tapa cloth?

- ○ 0.9 square metres

- ○ 1.26 square metres

- ○ 2.25 square metres

- ○ 4.2 square metres

- ○ 8.4 square metres