

2 SAME PERIMETER



- pieces of string 8 cm, 12 cm, 16 cm and 20 cm long
- a 1 cm geoboard

1 Make as many rectangles and squares as you can that have a perimeter of **8 cm**?

Which one has the greatest area?

2 Repeat **question 1** for the other lengths of string. The perimeter should be exactly the length of the piece of string each time.

What do you notice?



CHAPTER 12

2 SAME PERIMETER



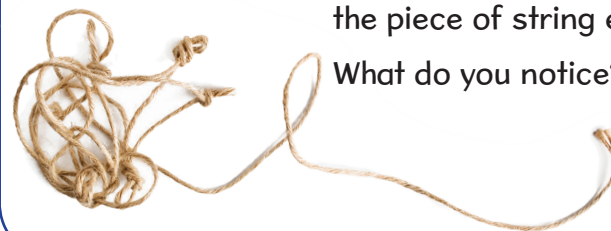
- pieces of string 8 cm, 12 cm, 16 cm and 20 cm long
- a 1 cm geoboard

1 Make as many rectangles and squares as you can that have a perimeter of **8 cm**?

Which one has the greatest area?

2 Repeat **question 1** for the other lengths of string. The perimeter should be exactly the length of the piece of string each time.

What do you notice?



CHAPTER 12

2 SAME PERIMETER



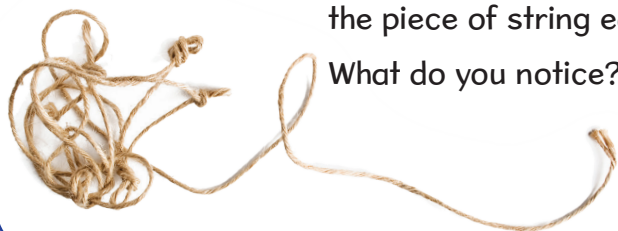
- pieces of string 8 cm, 12 cm, 16 cm and 20 cm long
- a 1 cm geoboard

1 Make as many rectangles and squares as you can that have a perimeter of **8 cm**?

Which one has the greatest area?

2 Repeat **question 1** for the other lengths of string. The perimeter should be exactly the length of the piece of string each time.

What do you notice?



CHAPTER 12

2 SAME PERIMETER



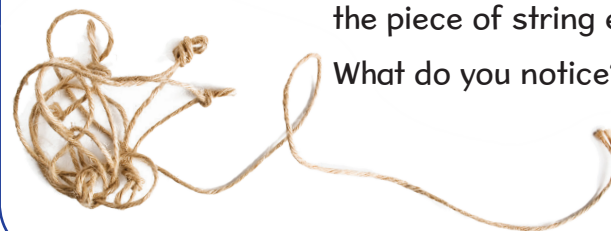
- pieces of string 8 cm, 12 cm, 16 cm and 20 cm long
- a 1 cm geoboard

1 Make as many rectangles and squares as you can that have a perimeter of **8 cm**?

Which one has the greatest area?

2 Repeat **question 1** for the other lengths of string. The perimeter should be exactly the length of the piece of string each time.

What do you notice?



CHAPTER 12