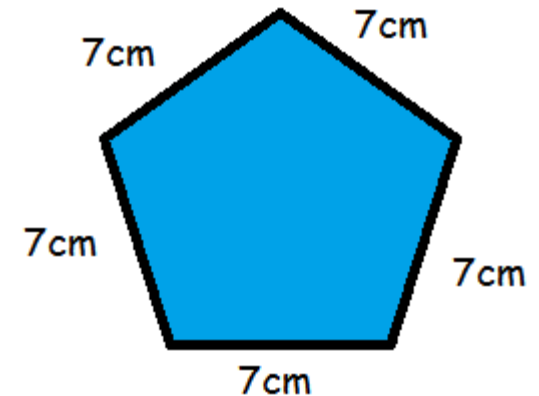
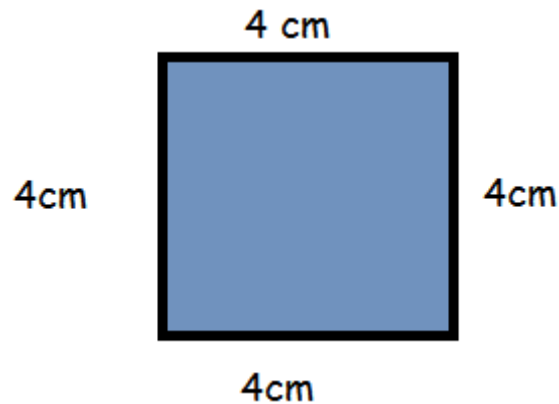
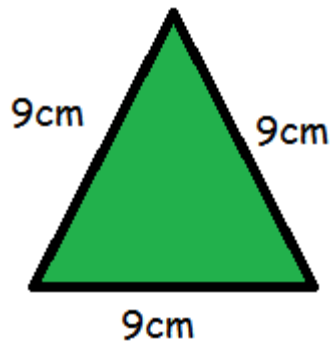
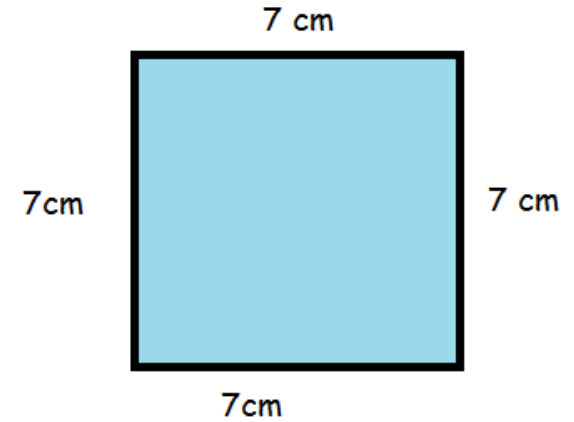
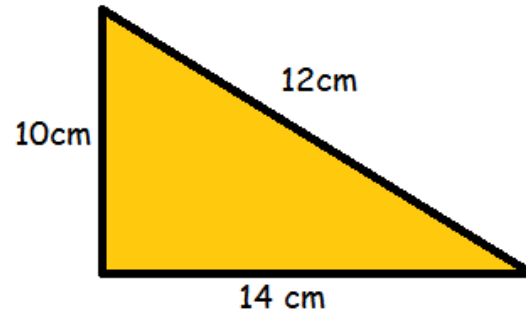
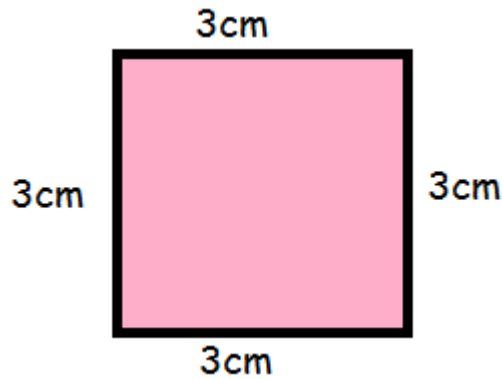


RECALL – MEASURING PERIMETERS (CM)

Work out the perimeter of these shapes by adding all lengths.



3 BEFORE ME



An octagon has a perimeter of 24cm.
How long is each side?



LO: I CAN MEASURE PERIMETER (METRES)

Page

Success Criteria

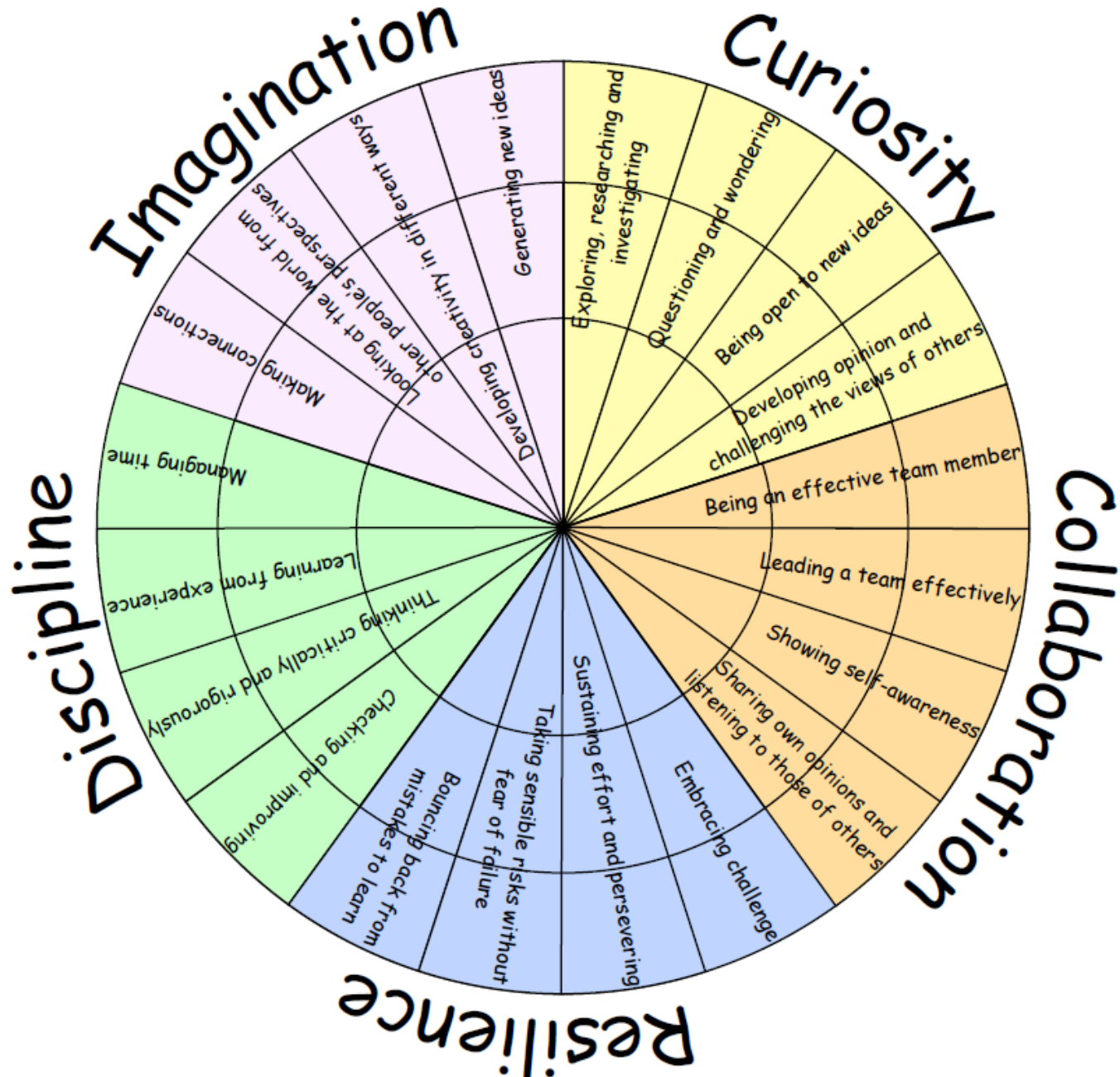
Some will even use the inverse to work out the lengths.

Some will find perimeter to more complex shapes.

Most will add lengths to find the perimeter.

All will add simple measurements (with support).

LEARNING HABITS?

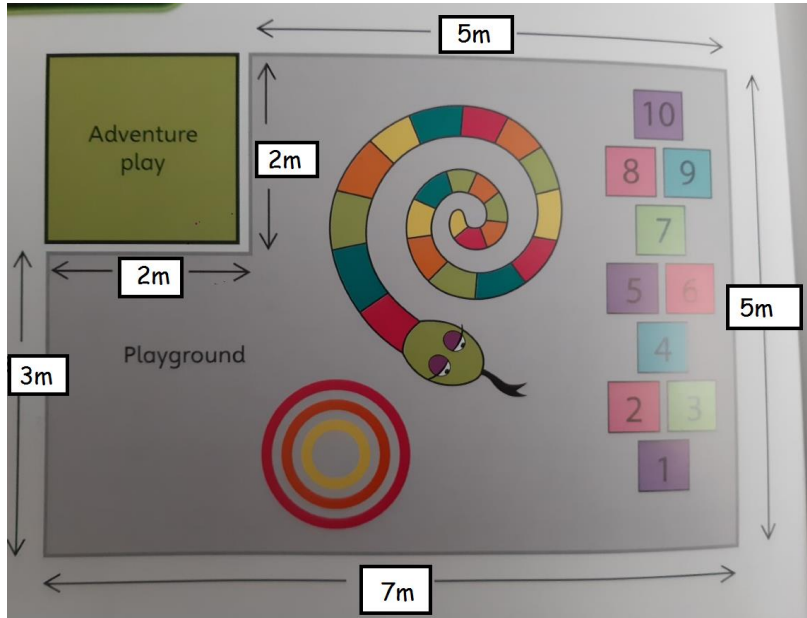


GUIDED PRACTICE

A school is putting a new fence around the playground.



How much fence does the school need to buy?

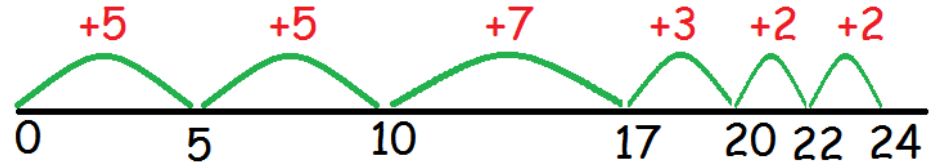


Lewis runs twice around the outside of the playground, how many metres does he run?

Perimeter = measure ALL the lengths and add them together.

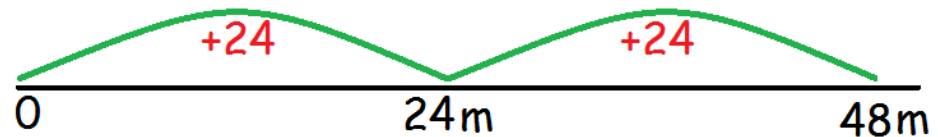
- The perimeter of the playground

$$5\text{m} + 5\text{m} + 7\text{m} + 3\text{m} + 2\text{m} + 2\text{m} = \boxed{24\text{ m}}$$



- Lewis runs twice around the playground

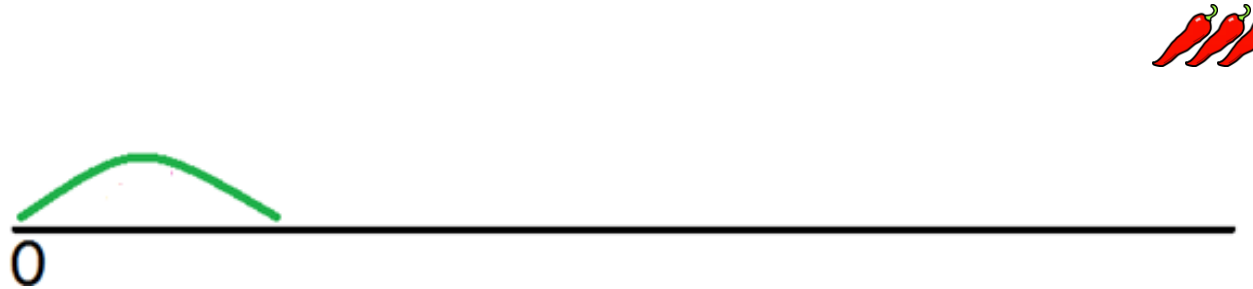
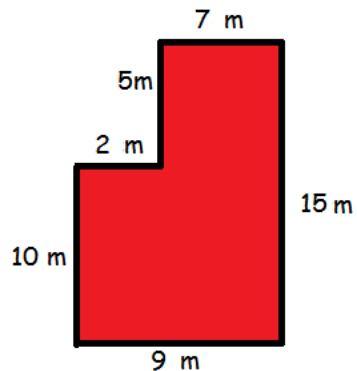
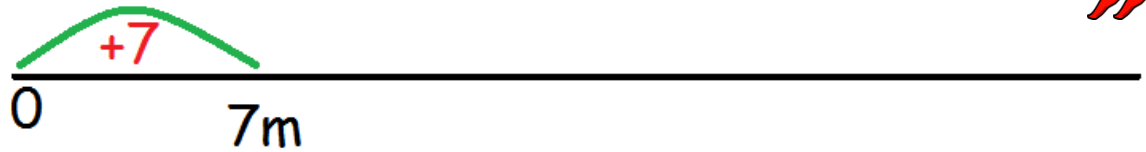
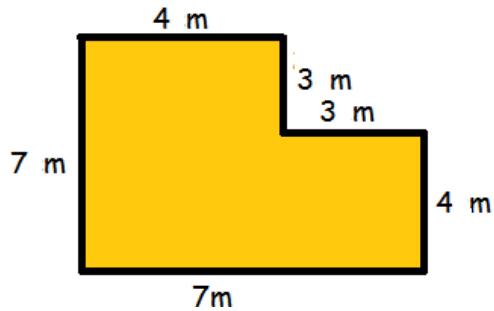
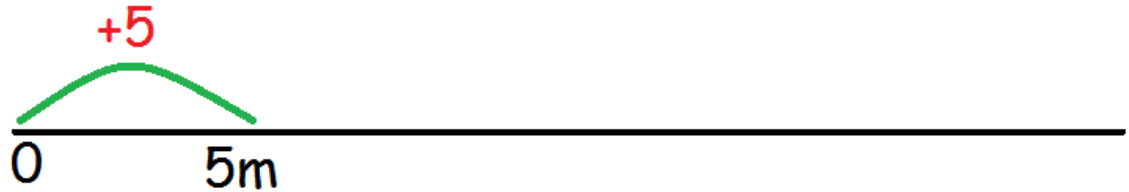
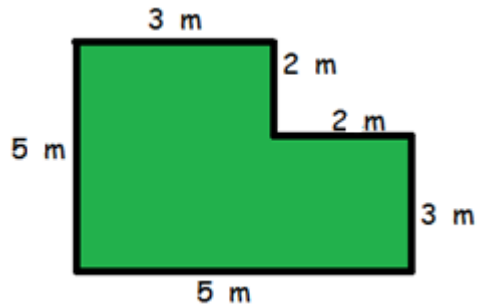
The perimeter of the playground is 24m. He runs around twice. He ran 48 metres.



INTELLIGENT PRACTICE



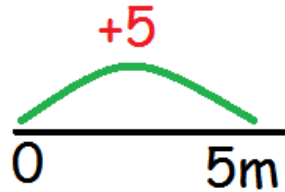
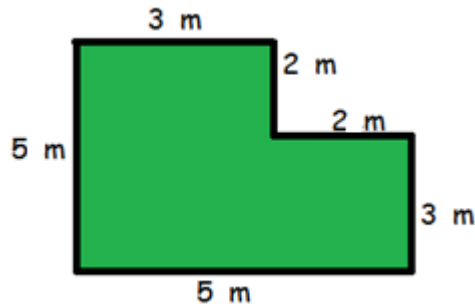
Work out the perimeter of each shape by adding all of the lengths on the number line.



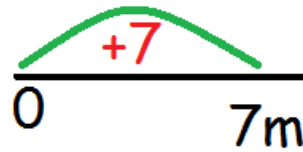
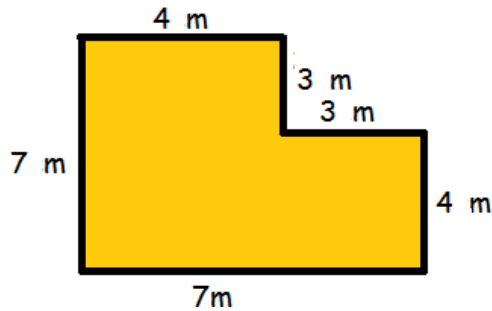
INTELLIGENT PRACTICE ANSWERS



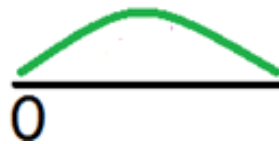
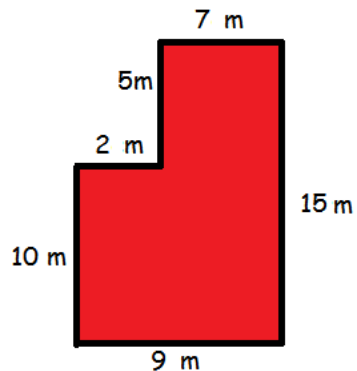
Work out the perimeter of each shape by adding all of the lengths on the number line.



$$3 + 2 + 2 + 3 + 5 + 5 = 20 \text{ m}$$



$$4 + 3 + 3 + 4 + 7 + 7 = 28 \text{ m}$$



$$7 + 15 + 9 + 10 + 2 + 5 = 39 \text{ m}$$

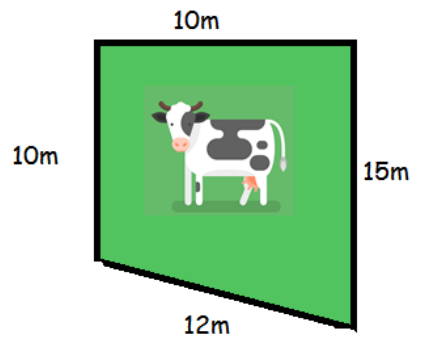


DIVE DEEPER 1

1

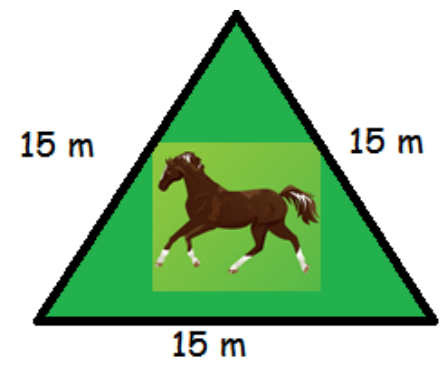
A farmer puts a fence around the perimeter of each field. Work out the perimeters.

Cow's field



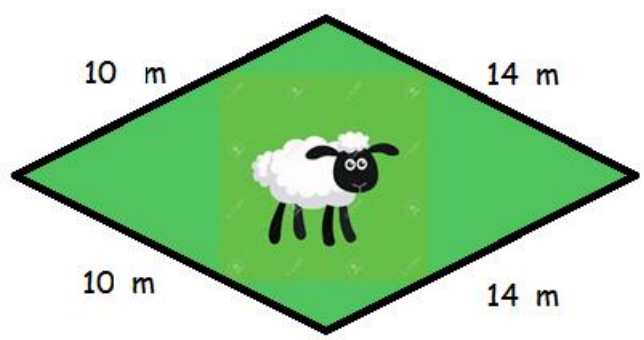
___ m + ___ m + ___ m + ___ m =

Horse's field



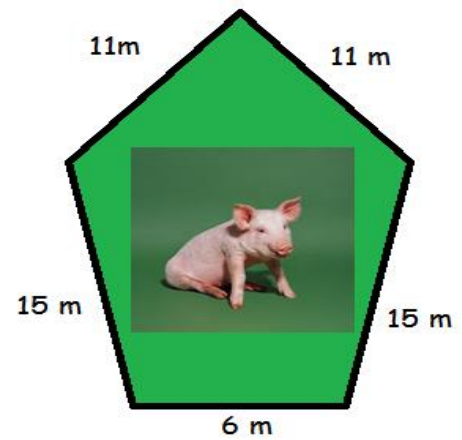
___ m + ___ m + ___ m =

Sheep's field



___ m + ___ m + ___ m + ___ m =

Horse's field



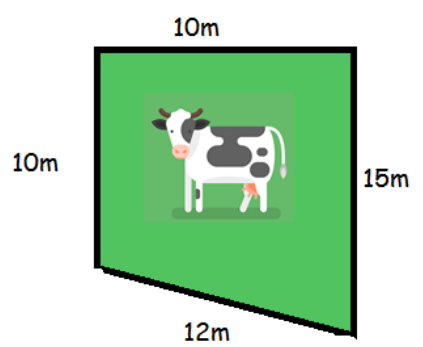
___ m + ___ m + ___ m + ___ m + ___ m =

DIVE DEEPER 1 ANSWERS

A farmer puts a fence around the perimeter of each field. Work out the perimeters.

1

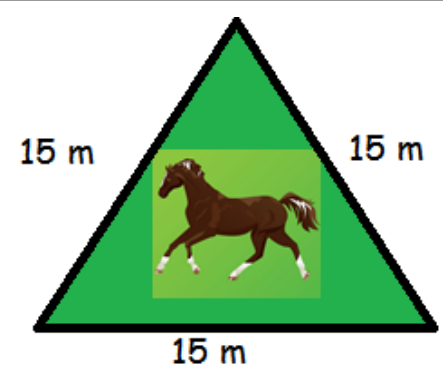
Cow's field



10m
10m
15m
12m

$10\text{ m} + 10\text{ m} + 12\text{ m} + 12\text{ m} =$ 44 m

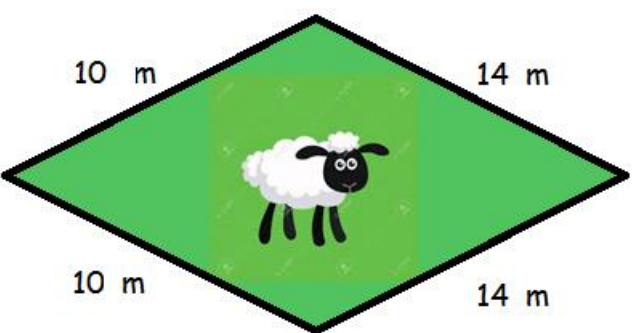
Horse's field



15 m
15 m
15 m

$15\text{ m} + 15\text{ m} + 15\text{ m} =$ 45 m

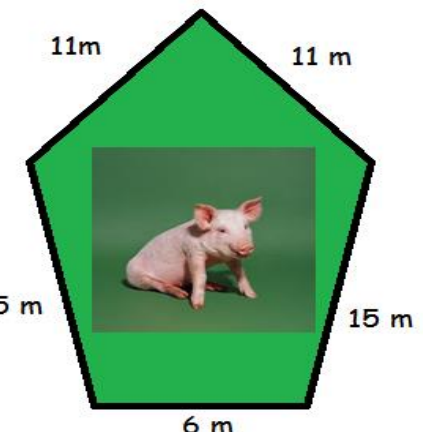
Sheep's field



10 m
14 m
10 m
14 m

$10\text{ m} + 10\text{ m} + 14\text{ m} + 14\text{ m} =$ 48 m

Horse's field




11m
11 m
15 m
15 m
6 m

$15\text{ m} + 15\text{ m} + 11\text{ m} + 11\text{ m} + 6\text{ m} =$ 58 m


DIVE DEEPER 2

1 At the leisure centre, the baby pool has two lengths that are 15 metres and two lengths that are 10 metres.




What is the perimeter?

2 The adult swimming pool has two lengths that are 40m and two lengths that are 25m.

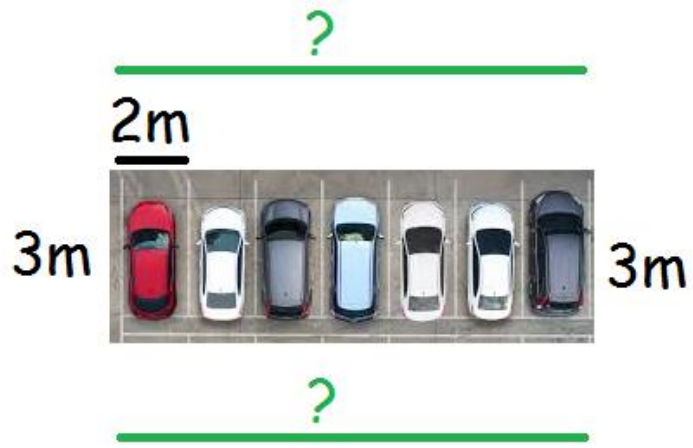


What is the perimeter?


3 What is the perimeter of the football pitch?



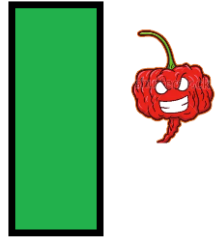
4 Each car parking bay is 2m wide. What is the perimeter?



5 A tennis court is a rectangle. The perimeter of the tennis court is 84m. Two of the lengths are 32m. How long are the other two lengths?




6 **CHALLENGE**
A rectangle has a perimeter of 24m. There are four different ways to make this rectangle. Can you find all four ways? Draw each example into your book.




DIVE DEEPER 2 ANSWERS

1 At the leisure centre, the baby pool has two lengths that are 15 metres and two lengths that are 10 metres.



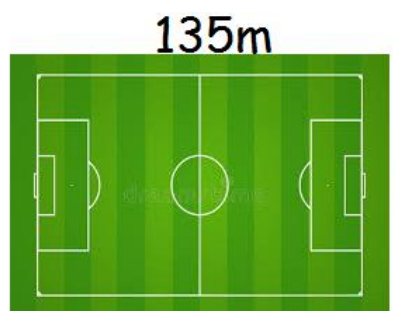
What is the perimeter? 50 m

2 The adult swimming pool has two lengths that are 40m and two lengths that are 25m.



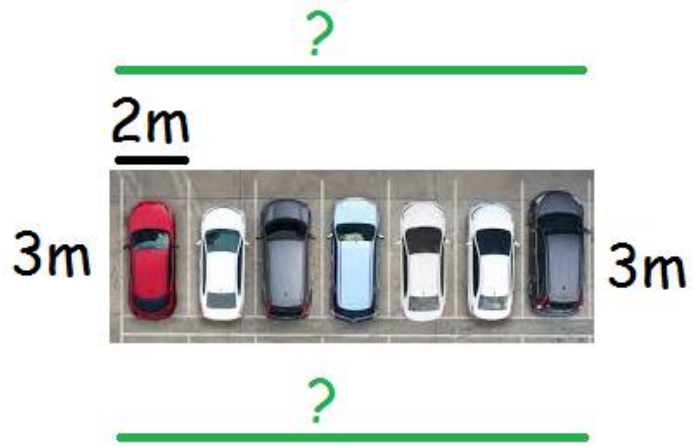
What is the perimeter? 130 m

3 What is the perimeter of the football pitch?




354 m

4 Each car parking bay is 2m wide. What is the perimeter?



34 m

5 A tennis court is a rectangle. The perimeter of the tennis court is 84m. Two of the lengths are 32m. How long are the other two lengths?



10 m

6 **CHALLENGE**
A rectangle has a perimeter of 24m. There are four different ways to make this rectangle. Can you find all four ways? Draw each example into your book.

10 + 10 + 2 + 2 9 + 9 + 3 + 3
8 + 8 + 4 + 4 11 + 11 + 1 + 1

