

# Mathematics Workbook

Valid from September 2011 to August 2012

Functional Skills Qualification in Mathematics at Entry 1

Learner name

Learner signature and date

Work through the whole book.

- Answer every question.
- You can write or draw to show your answers in the workbook.
- You can use a calculator.

Your tutor may read the questions to you.

Ask your tutor if you do not understand any words.

**You have up to 1 hour to complete the workbook.**

Your tutor may give you objects to help you with the questions.

You will need:

- Pencil
- Ruler
- Rubber

Turn over ►

## 1 Planning a trip to a safari park

You want to go to a safari park in July.

Some days at the safari park are peak days.

The peak days are every Saturday and Sunday.

Here is a calendar for July.

July						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

How many peak days are there in July?

(1)

Write your answer in the box below.

You want to go to the safari park on a Friday.

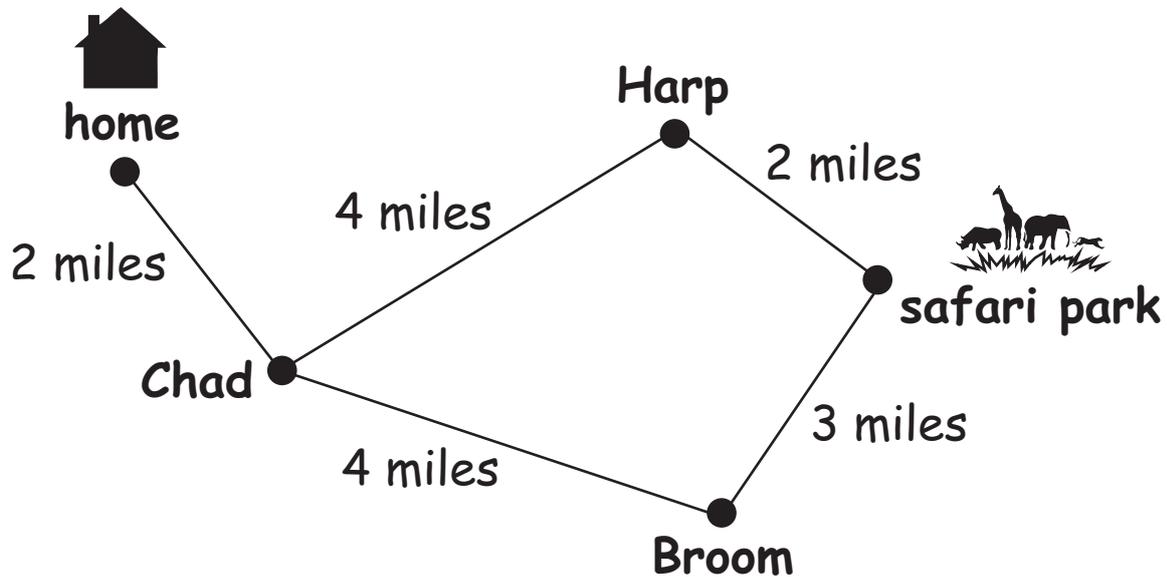
**Choose one Friday to go to the safari park.**

(1)

Tick (✓) the date on the calendar below.

July						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

The map shows some routes from your home to the safari park.



Choose one route from your home to the safari park. (1)

Show your route on the map.

How many miles is your route in total? (1)

Show how you get your answer in the box below.

You want to get to the safari park at 10 am.

It takes 1 hour to get to the safari park from your home.

**What time do you need to leave your home?**

(1)

Write your answer in the box below.

## 2 At the safari park

These are the prices to go in to the safari park.

adult ticket	£8
child ticket	£6

How much more is the price for an adult ticket than the price for a child ticket?

(1)

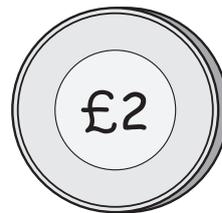
Show how you get your answer in the box below.

adult ticket	£8
child ticket	£6

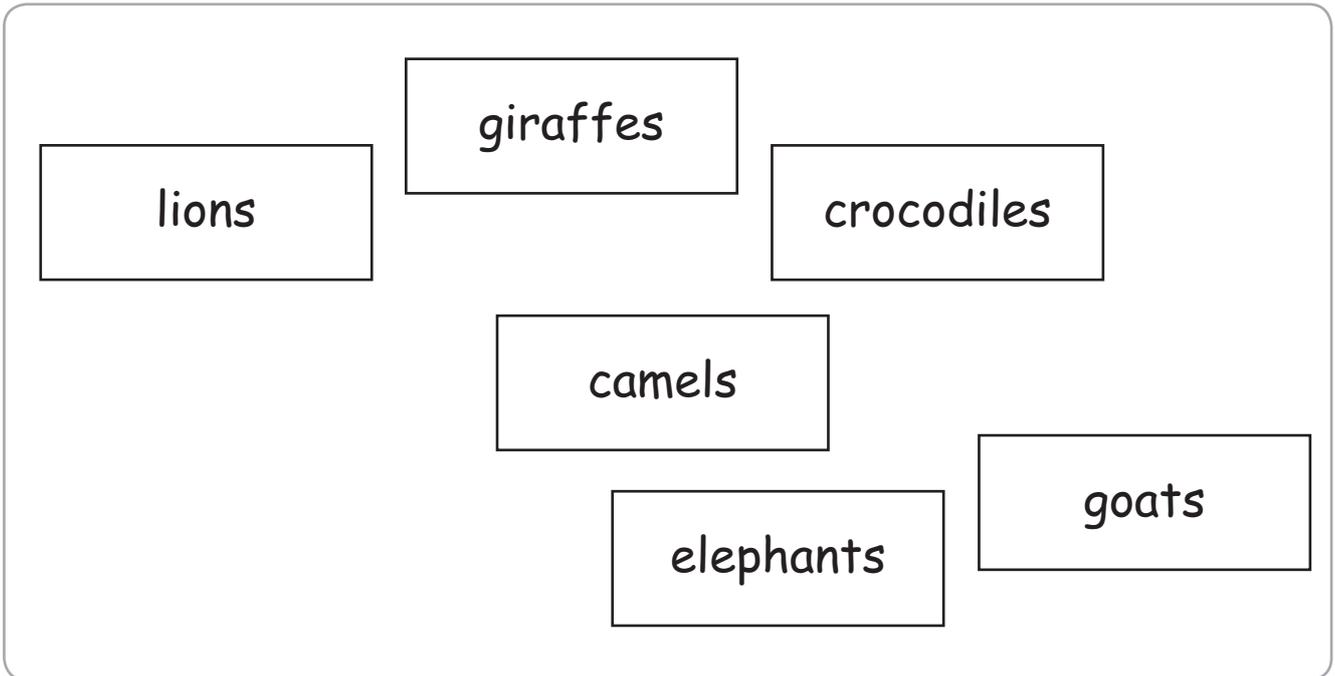
Choose the correct money to pay for one child ticket.

(1)

Tick (✓) the correct money.



Here is a map of part of the safari park.



**Which animals are to the left of the giraffes?**

**(1)**

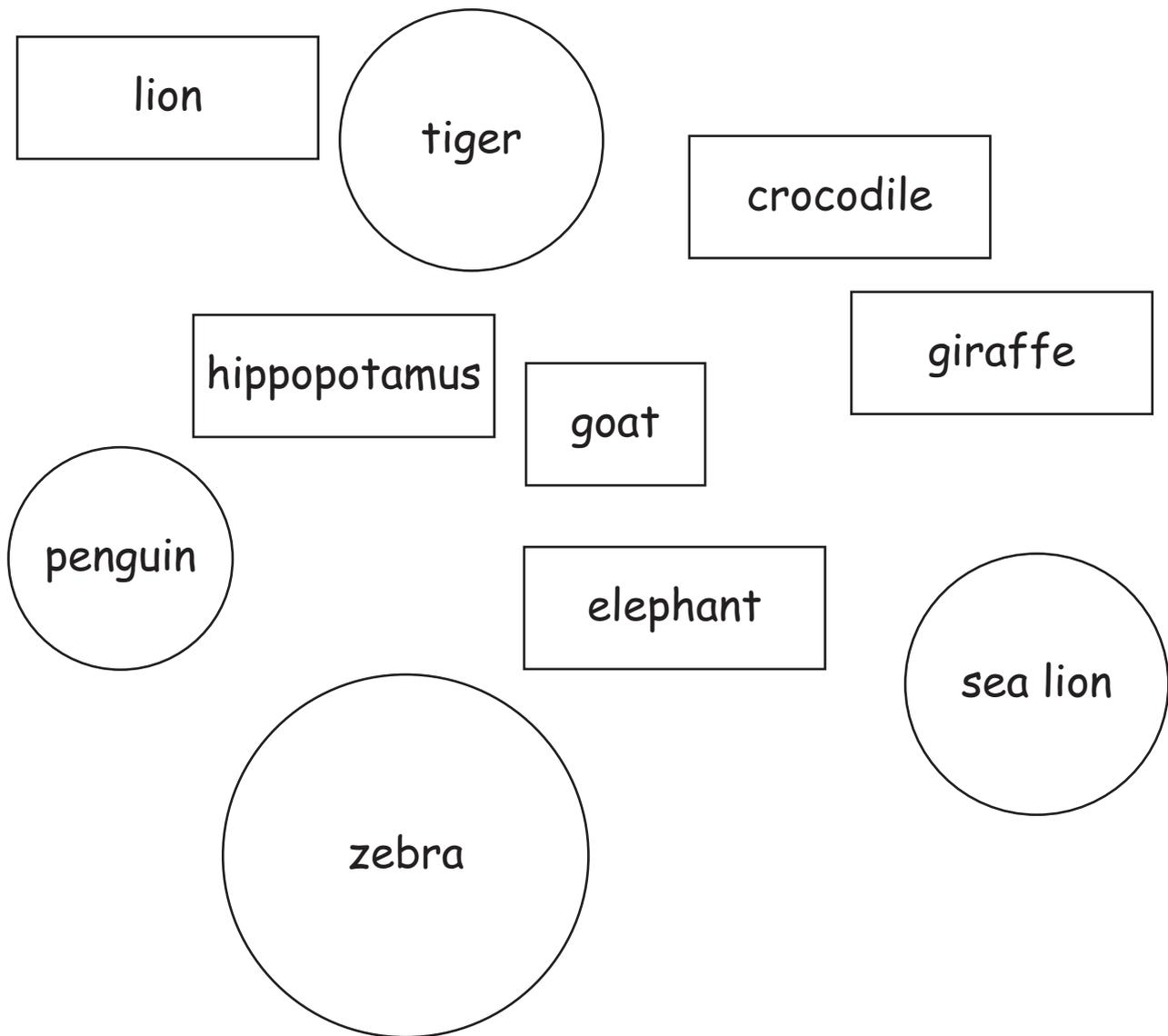
Write your answer in the box below.

**Which animals are to the right of the elephants?**

**(1)**

Write your answer in the box below.

Here are some animal enclosures.



There are two different shapes of animal enclosure.

Tick (✓) all the shapes that are the same shape as the zebra enclosure.

(1)

This is the shape of the hippopotamus enclosure.

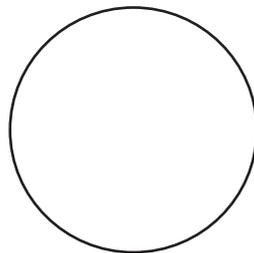


**What is the name of the shape of the hippopotamus enclosure?**

(1)

Write your answer in the box below.

This is the shape of the penguin enclosure.



**What is the name of the shape of the penguin enclosure?**

(1)

Write your answer in the box below.

You do a quiz sheet about the animals at the safari park.

Look at these pictures.

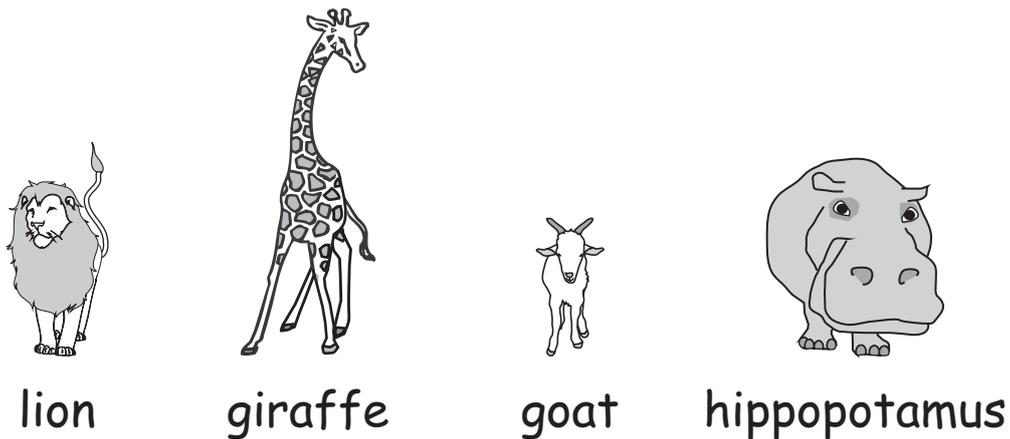


Which of these animals is tallest?

(1)

Tick (✓) the tallest animal.

Look at the pictures below.

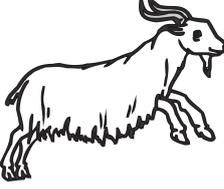


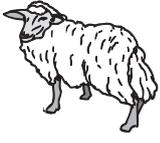
Which of these animals is widest?

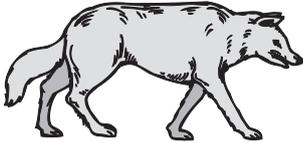
(1)

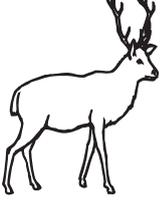
Tick (✓) the widest animal.

Here are some more animals and their weights in kg.

goat

70 kg

sheep

30 kg

wolf

90 kg

deer

50 kg

Which is the heaviest animal?

(1)

Write your answer in the box below.

Which is the lightest animal?

(1)

Write your answer in the box below