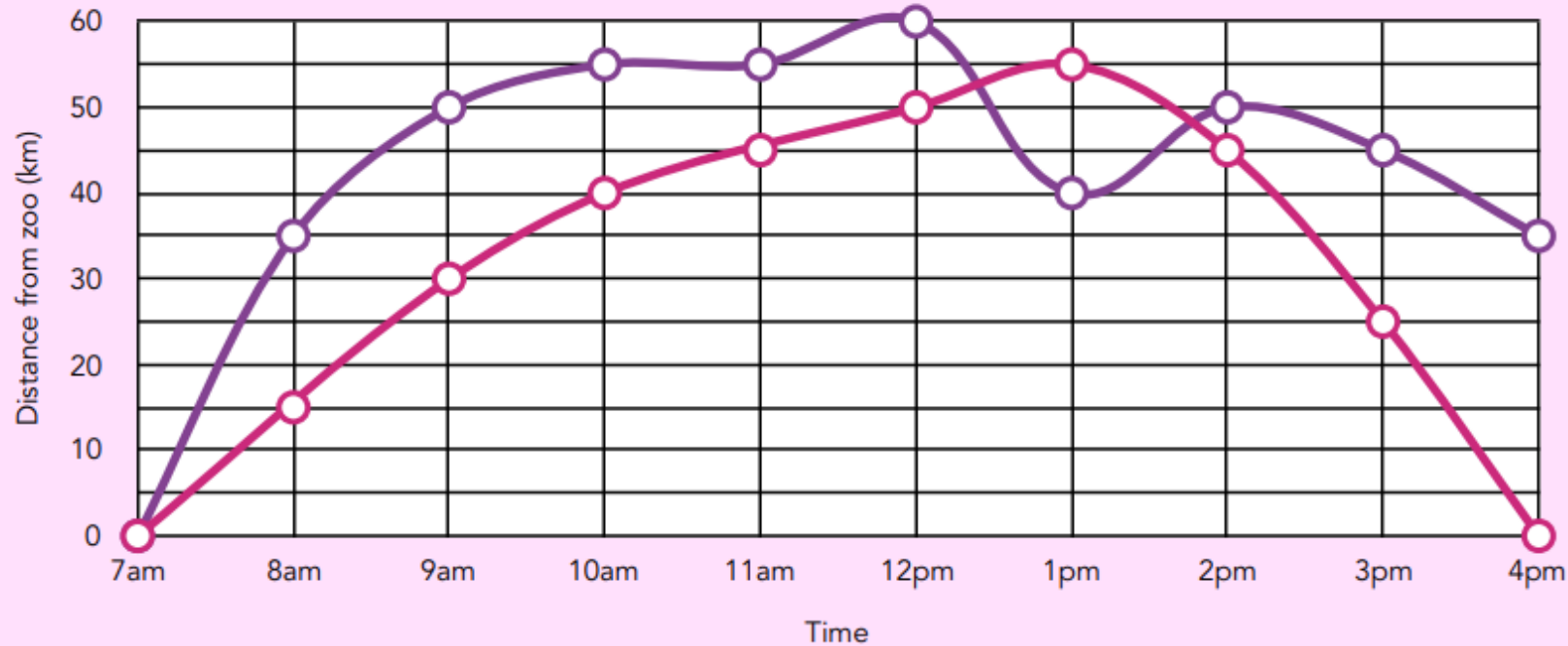




Two chimpanzees escaped from Edinburgh zoo. The line graph shows the distance they travelled from the zoo over a 9 hour period. Use the graph to answer the questions.



Lenny



Alf



How much further did Alf travel than Lenny between 7am and 8am?

20km

How far did Lenny travel between 9am and 12pm?

20km

At what times was Lenny exactly 45km from the zoo?

11am & 2pm

How far did Alf travel between 12pm and 3pm?

35km

At which hour is Lenny further away from the zoo than Alf?

1pm

Between what two hours did both monkeys each travel 15km?

8am - 9am

What do you think Alf does between 10am and 11am?

Any suggestion which indicates he doesn't travel any nearer to or further from the zoo.

Which monkey returns to the zoo? How do you know?

Lenny. His line returns to zero miles from the zoo at 4pm, indicating he has returned home.

Complete the table about the sales in Betty's Bakery, and then answer the questions.



	Sales am	Sales pm	Total sales
Doughnuts	15	34	49
Brownies	22	18	40
Cookies	13	48	61
Muffins	55	0	55
Total sales	105	100	

How many more cookies were sold in the afternoon than in the morning?

35

What was the total number of doughnuts and brownies sold?

89

What might explain the lack of muffin sales in the afternoon?

e.g. the bakery ran out of muffins



Read about Betty's work timetable at the bakery, then answer the questions below.

	6:30 - 9:00	9:00 - 10:30	10:30 - 10:50	10:50 - 12:15	12:15 - 12:50	12:50 - 2:45	2:45 - 3:05	3:05 - 5:00	5:00 - 5:20
Activity	Baking	Serving customers	Break	Serving customers	Lunch	Serving customers	Break	Serving customers	Closing shop; tidying

How long does Betty spend serving customers in the afternoon?

3 hours 50 minutes

How long does Betty work before her first break?

4 hours

What is Betty doing at 8:45?

Baking

What is Betty doing at 12:45?

Having lunch