

# Post office straight line graphs

Use information presented in a line graph to solve problems



**You will need:**

- 1 cm squared paper
- ruler

1 A Second Class stamp costs 50p. Copy and complete the table.

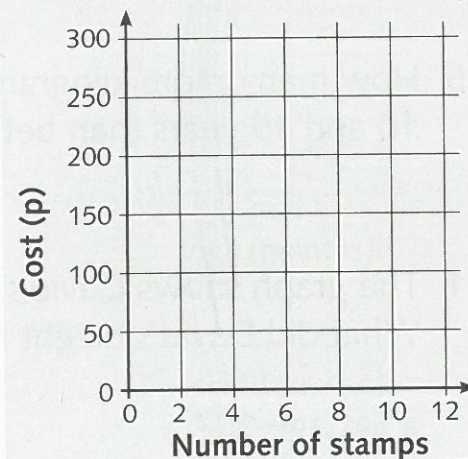
Number of stamps	1	2	3	4	5	6
Cost (p)	50	100				

2 Using 1 cm squared paper, copy and complete the line graph.

3 How many Second Class stamps can you buy for:

- a £2.50?      b £5?

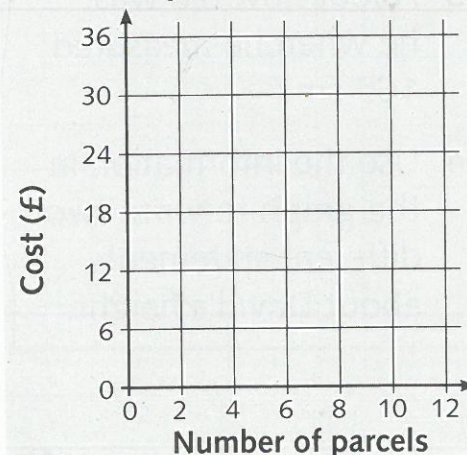
Cost of Second Class stamps



**You will need:**

- 1 cm squared paper
- ruler

Cost to post small parcels



1 One small parcel costs £3 to post. Copy and complete the table.



Number of small parcels	2	4	6	8	10	12
Cost (£)	6	12				

2 Using 1 cm squared paper, copy and complete the line graph.

3 Using your line graph, find what it costs to post:

- a 5 small parcels      b 9 small parcels

4 How many small parcels can you post for:

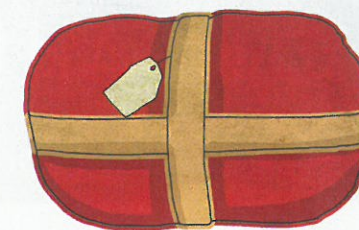
- a £33?      b £21?

5 What will it cost to post:

- a 30 small parcels?      b 100 small parcels?

6 What is the total cost of postage for the small parcels in Question 5?

7 Find the difference in postage costs for 48 small parcels and 62 small parcels.



**Challenge**  
3

1 Tom is going on holiday to the United States. He bought his dollars at the post office. Using the rate of exchange £1 = \$1.50, copy and complete the table.

Pounds (£)	20	40	60	80	100	120
Dollars (\$)	30					

- 2 a Using 1 cm squared paper, copy and complete the line graph for converting pounds to dollars. Your graph should begin as shown below.  
b Extend your line graph up to £200.

3 Use your line graph to answer these questions.

a Convert these pounds to the nearest dollar.

- i £140      ii £200  
iii £160      iv £50

b Convert these dollars to the nearest pound.

- i \$120      ii \$180  
iii \$150      iv \$270

**You will need:**

- 1 cm squared paper
- ruler



Conversion chart for dollars and pounds

