

CONTENTS

Homework	Contents	Ex 1	Ex 2	Ex 3	Ex 4
1	Whole Numbers, BODMAS, Rounding and Basic Operations				
2	Money Calculations				
3	Multiplying by Multiples of 10, 100 and 1000				
4	Dividing by Multiples of 10, 100 and 1000				
5	Multiplying Decimals by Multiples of 10, 100 and 1000				
6	Positive and Negative Numbers				
7	Decimals (Basic Operations)				
8	Fractions, Decimals and Percentages				
9	Fractions of a Quantity				
10	Percentages of a Quantity				
11	Percentages of a Quantity (Calculator)				
12	Percentage Increase and Decrease				
13	Ratio				
14	Direct Proportion				
15	Rounding to Significant Figures				
16	Time Intervals				
17	Speed, Distance and Time				
18	Speed, Distance and Time (Hours and Minutes)				
19	Area of Squares and Rectangles				
20	Volume of Cubes and Cuboids				
	Numeracy Revision Section				
21	Percentages				
22	Money - Subtraction and Division				
23	Exchange Rates				
24	Timetables and Perimeter				
25	Timetables and Perimeter				
26	Speed, Distance and Time				
27	Ratio				
28	Integers				
29	Measurement				
30	Money				
31	Measuring Lengths and Angles				
32	Best Value				
33	Pie Charts				
34	Interest Rates				
35	Reading Graphs				
36	Data Comparison				
37	Chance and Probability				
38	Chance and Probability				

Exercise 1

1. If a film begins at 1130 and ends at 1335, how long did it last?
2. If a train departs from Edinburgh at 2:35pm and arrives in Glasgow at 3:35pm, how long did the journey take?
3. A plane departs from New York at 2345 (UK time) and arrives in London at 0725, how long did the journey take?
4. Copy and complete the following train timetable:

Departure	Arrival	Time taken
0945		1hr 40mins
	1310	2hrs 35mins
1450	1625	

Exercise 2

1. If a film begins at 8:30pm and ends at 10:05pm, how long did it last?
2. If a train departs from Manchester at 1420 and arrives in London at 1910, how long did the journey take?
3. A plane departs from Los Angeles at 2345 (US time) and arrives in Chicago at 0430, how long did the journey take?
4. Copy and complete the following train timetable:

Departure	Arrival	Time taken
1140	1320	
1250	1525	
	1645	2hrs 55mins

Exercise 3

1. If a film begins at 1805 and ends at 2055, how long did it last?
2. If a train departs from Aberdeen at 2345 and arrives in London at 0905, how long did the journey take?
3. A plane departs from Belfast at 11:50pm and arrives in London at 1:20am. How long did the journey take?
4. Copy and complete the following train timetable:

Departure	Arrival	Time taken
2140	0015	
	2310	35mins
2330		2hrs 20mins

Exercise 4

1. If a film begins at 1030 and ends at 1305, how long did it last?
2. If a train departs from Paisley at 4:35pm and arrives in Largs at 5:20pm, how long did the journey take?
3. A plane departs from Hong Kong at 2045 (UK time) and arrives in London at 0815. How long did the journey take?
4. Copy and complete the following train timetable:

Departure	Arrival	Time taken
1625	1810	
	1910	3hrs 15mins
1715		4hrs 55mins

Exercise 1

1. Pro Cars and First Motors are selling the same car with different deals.

<p>Pro Cars Deposit £3950 48 payments of £215</p>
--

<p>First Motors Deposit £2500 48 payments of £265</p>
--

Which dealer is offering the better deal and by how much?

2. Ski Solutions and Alpine Zone are offering a scheme to pay for the latest snowboard. They are offering the same board on different deals. Who is offering the cheaper deal?

<p>Ski Solutions Deposit £120 9 payments of £150</p>

<p>Alpine Zone Deposit £80 10 payments of £145</p>

Exercise 2

1. Pro Cars and First Motors are selling the same car with different deals.

<p>Pro Cars Deposit £8200 36 payments of £180</p>
--

<p>First Motors Deposit £1800 48 payments of £260</p>
--

Which dealer is offering the better deal and by how much?

2. Ski Solutions and Alpine Zone are offering a scheme to pay for the latest snowboard. They are offering the same board on different deals. Who is offering the cheaper deal?

<p>Ski Solutions Deposit £135 11 payments of £135</p>
--

<p>Alpine Zone Deposit £200 10 payments of £136</p>
--

Exercise 3

1. Pro Cars and First Motors are selling the same car with different deals.

<p>Pro Cars Deposit £4999 48 payments of £450</p>
--

<p>First Motors Deposit £6250 36 payments of £540</p>
--

Which dealer is offering the better deal and by how much?

2. Ski Solutions and Alpine Zone are offering a scheme to pay for the latest snowboard. They are offering the same board on different deals. Who is offering the cheaper deal?

<p>Ski Solutions Deposit £nil 14 payments of £122</p>
--

<p>Alpine Zone Deposit £360 6 payments of £220</p>

Exercise 4

1. Pro Cars and First Motors are selling the same car with different deals.

<p>Pro Cars Deposit £1999 48 payments of £475</p>
--

<p>First Motors Deposit £10000 48 payments of £275</p>

Which dealer is offering the better deal and by how much?

2. Ski Solutions and Alpine Zone are offering a scheme to pay for the latest snowboard. They are offering the same board on different deals. Who is offering the cheaper deal?

<p>Ski Solutions Deposit £310 11 payments of £126</p>
--

<p>Alpine Zone Deposit £405 11 payments of £112</p>
--

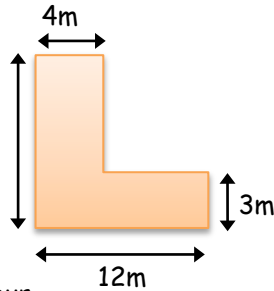
Numeracy	Money
----------	-------

Exercise 1

1. Complete the following table showing times of departure and arrival for different trains.

Departure	Arrival	Journey Time
0830	1040	
1115		2h 18 mins
	1340	3h 50mins

2. The diagram represents a hallway. The owner wants to put skirting board around all the walls. He buys ten 4m skirting boards. Does he buy enough? By showing working, give reason for your answer.

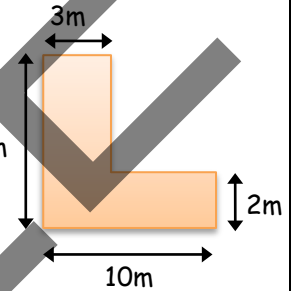


Exercise 2

1. Complete the following table showing times of departure and arrival for different trains.

Departure	Arrival	Journey Time
0930		2h 13 mins
1115	1245	
	1340	2h 40mins

2. The diagram represents a hallway. The owner wants to put a border around all the walls. He buys ten 3m border. Does he buy enough? By showing working, give reason for your answer.

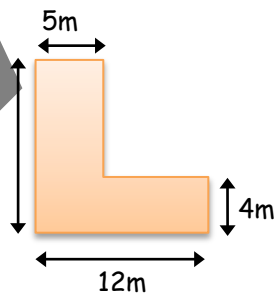


Exercise 3

1. Complete the following table showing times of departure and arrival for different trains.

Departure	Arrival	Journey Time
0730	1145	
1215		3h 17 mins
1345		3h 55mins

2. The diagram represents a hallway. The owner wants to put border around all the walls. He buys ten 8m border. Does he buy enough? By showing working, give reason for your answer.

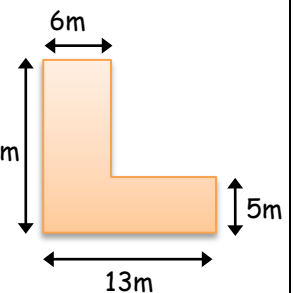


Exercise 4

1. Complete the following table showing times of departure and arrival for different trains.

Departure	Arrival	Journey Time
	1040	1h 23mins
	1235	2h 18 mins
0825		3h 50mins

2. The diagram represents a hallway. The owner wants to put a border around all the walls. He buys ten 11m border. Does he buy enough? By showing working, give reason for your answer.



Numeracy	Timetables and Perimeter
----------	--------------------------