

1) Anna wants a new bathroom.

She wants to buy a new toilet, basin and bath.

She wants them all from the same range.

Anna finds these prices.

	Bathroom range		
	Babette	Juliet	Rosalind
Toilet	£323.45	£202	£243.78
Basin	£184	£253.63	£247.52
Bath	£267.95	£242.57	£227

Anna wants to pay as little as possible for the bathroom range.

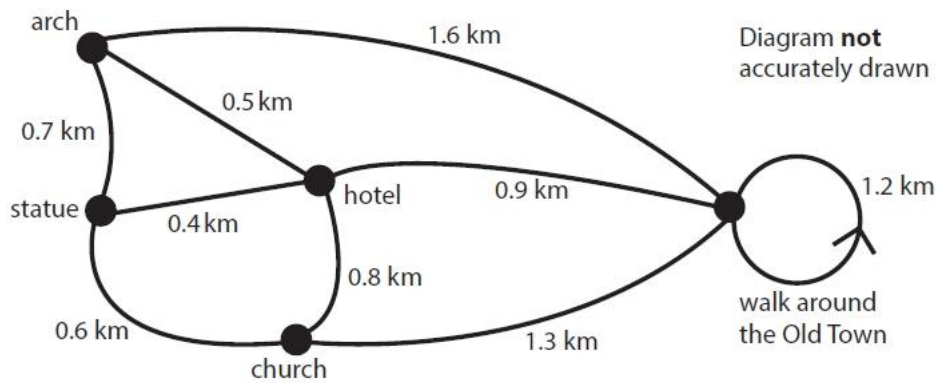
How much will the new bathroom range cost Anna?

Show how you have checked your working.

(4)

Use the space below to show clearly how you get your answer.

2) Olga manages a tour company in Pula. She needs to plan a walk for the company. Olga has this sketch of different places in Pula.



Olga will start and end the walk at the hotel. She wants the walk to be no more than 6 km in distance.

Olga wants the walk to include

- a visit to the church
- a visit to the arch
- the walk around the Old Town.

Plan a walk for Olga.

Show the total distance of the walk.

(4)

Use the space below to show clearly how you get your answer.

Week 5 Lesson 1 - Decimals

3) Veronica and her 2 children are going to visit a skyscraper called SkyPoint. The children are aged 8 and 10

Veronica plans to visit SkyPoint on a Thursday with her 2 children.

She finds these ticket prices.

	price on the day (Mon – Fri)	price on the day (Sat and Sun)	price online (Mon – Sun)
adult	£31	£35	£25.95
student	£26	£30	£20.95
child (aged 4–15)	£24	£28	£19.95

Veronica wants to know the total amount she will save if she buys tickets online instead of on the day of the visit.

How much will Veronica save in total if she buys the tickets online?

(4)

Use the space below to show clearly how you get your answer.

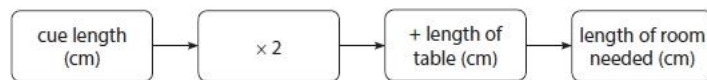
4) Talvin wants to put a snooker table in a room in his house.



The length of

- the snooker table is 270 cm
- the room is 5.5 m
- the cue Talvin uses to play snooker is 145 cm.

Talvin uses this rule to find out if the length of the room is enough to play snooker on this table.



(a) Is the length of this room enough to play snooker on this table?

(4)

5) Gordon needs to work out the ironing bill for Miss Hazel.
Miss Hazel is not a new customer.

Gordon charges

- £12 for clothes weighing up to a total of $2\frac{1}{2}$ kg
- and £4.50 for every 1 kg over $2\frac{1}{2}$ kg.

The ticket shows the total weight of the clothes.

Ironing Service		3318
Name	Miss Hazel	
Address	61 Osborne Road, Roditch	
Collection date	3 rd July	
Weight	$5\frac{1}{2}$ kg	
Return date	8 th July	

Gordon works out that the bill is £25

(c) Is Gordon correct?

Show why you think this.

(4)

Use the space below to show clearly how you get your answer.

Week 5 Lesson 1 - Decimals

6) Mr Khan is the manager of The Palace.
He records the number of hours each person worked last week.

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Tom	4.5	day off	4.5	day off	4	4.5	5
Des	day off	4.5	4	4.5	5	5	day off
Jenny	5	4.5	day off	5	4.5	4.5	5
Lee	4	4.5	5	4.5	day off	4	5
Mahir	4	day off	5	4.5	day off	4	4.5
Liz	day off	5	5	4.5	4.5	day off	4

Mahir is paid an hourly rate of £7.85

(a) How much is Mahir paid for working last week?

Show a check of your working.

(4)

Use the space below to show clearly how you get your answer.