

## Decimal Exam Questions - Level 1

FSM01/01, Oct 2017

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?

FSM01/01, Nov 2016

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?

FSM01/01, Oct 2016

Fez needs to buy a rope for the tug-of-war event.  
Each metre of rope costs £2.75

Fez needs to have one rubber grip put on each end of the rope.  
It costs £7.50 to put a rubber grip on one end of a rope.

Fez wants to buy a rope that is 34 metres long with rubber grips at both ends.  
He has a budget of £120

(a) Is £120 enough to buy this rope with rubber grips?

Show why you think this.

(3)

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

## Decimal Exam Questions- Level 1

FSM01/01, Mar 2017

Dean, Jan and their 2 children are visiting the wildlife centre.  
The children are 12 and 5 years old.

Dean sees these admission prices.

Admission prices	
Adult	£12.60
Child (age 4–16)	£6
Group ticket (2 adults and 2 children)	£32

Dean thinks it will be cheaper to buy a group ticket for the visit.

(a) Is Dean correct?

FSM01/01, July 2015

Jenny wants to buy 2 T-shirts and a water bottle.  
She finds these prices.

Fitness centre	Local shop
water bottle £3.50 each	water bottle £3.50 each
T-shirts £9.95 each	Special offer buy 2 T-shirts for £21
	get a water bottle for $\frac{1}{2}$ price

Jenny wants to pay the cheapest price.

(a) Where should Jenny buy 2 T-shirts and a water bottle?

(4)

FSM01/01, Oct 2016

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)

## Decimal Exam Questions- Level 1

FSM01/01, Nov 2016

Reece goes to see a film at the cinema.  
He wants to buy a large drink and a large popcorn.

Reece sees this price list and a special offer.

Price list			
	small	medium	large
drink	£1.99	£2.99	£3.99
popcorn	£2.49	£3.49	£4.49

Special offer!
Get a large drink and a large popcorn for £7.50

- (a) How much will Reece save using the special offer to buy his large drink and large popcorn?  
Show a check of your working.

(4)

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

FSM01/01, Nov 2016

Liz wants to feed the birds in her garden.  
She wants to buy 2 bird feeders and 3 bags of bird seed.

Each bird feeder costs £6.95  
A bag of bird seed costs £3.10

- (a) Work out the total cost for Liz.

(3)

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

FSM01/01, Oct 2016

Liz and her family want to join a bird club for a year.

Bird Club Membership	
Adult	£4 per month
Child	£3 per month

Bird Club Family Membership
1 or 2 adults + up to 3 children £126 per year

Liz and her husband are adults.  
Andy is their only child.  
They want to choose the cheapest membership deal for their family.

- (b) Which membership deal should they choose?  
Show a check of your working.

(4)

