



Percentage increases on a menu - answers

1. Meal 1

Pâté (£3.50), lasagne (£7.50), cheesecake (£4.00) and coffee (£2.00)

Subtotal: £3.50 + £7.50 + £4.00 + £2.00 = £17.00

10% service charge: £17.00 ÷ 10 = £1.70

Total: £17.00 + £1.70 = £18.70

Subtotal £17.00

10% charge £1.70

Total £18.70

Meal 2

Soup (£3.00), fish and chips (£5.00), Ice cream (£2.00) and tea (£2.00)

Sub total: £3.00 + £5.00 + £2.00 + £1.50 = £11.50

10% service charge: £11.50 ÷ 10 = £1.15

Total: £11.50 + £1.15 = £12.65

Subtotal £11.50

10% charge £1.15

Total £12.65

Meal 3

Melon (£2.00), roast lamb (£8.00), apple pie (£3.50) and coffee (£2.00)

Sub total: £2.00 + £8.00 + £3.50 + £2.00 = £15.50

10% service charge: £15.50 ÷ 10 = £1.55

Total: £15.50 + £1.15 = £17.05

Subtotal £15.50

10% charge £1.55

Total £17.05

2. Price increases:

Item	Original price	% increase	Price increase	New price
Cheesecake	£4	10%	(÷ 10) 40p	£4.40
Fish and Chips	£5	25%	(÷ 4) £1.25	£6.25
Roast Lamb	£8	25%	(÷ 4) £2	£10
Tea	£1.50	20%	(÷ 5) 30p	£1.80
Apple pie	£3.50	10%	(÷ 10) 35p	£3.85