Homework/Extension
Step 4: Four Operations

National Curriculum Objectives:

Mathematics Year 4: (4M9) Estimate, compare and calculate different measures, including money in pounds and pence

Mathematics Year 4: (4F10b) Solve simple measure and money problems involving fractions and decimals to two decimal places

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Calculate the individual cost of an item in a simple one-step money problem using division (whole numbers in pounds).
Expected Calculate the individual cost of an item in a two-step money problem using subtraction and division (using decimals).
Greater Depth Calculate the individual cost of an item in a two-step money problem using subtraction and division (using decimals and a mixture of pounds and pence and some conversions may be required).

Questions 2, 5 and 8 (Varied Fluency)
Developing Calculate the total cost of items in a simple one-step money problem using addition (whole numbers in pounds or pence).
Expected Calculate the total cost of items in a two-step money problem using addition and division (using decimals).
Greater Depth Calculate the total cost of items in a two-step money problem using addition and division (using decimals and a mixture of pounds and pence and some conversions may be required).

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Solve a one-step money problem to explain if a statement is correct or not (whole numbers).
Expected Solve a two-step money problem to explain if a statement is correct or not. (decimal notation for money using multiples of 10p or 5p).
Greater Depth Solve a two-step money problem to explain if a statement is correct or not (decimal notation for money and a combination of pounds and pence).

More Year 4 Money resources.

Did you like this resource? Don't forget to review it on our website.

Four Operations

1. Max spends £8.

He buys 4 strawberry ice creams.
How much does an ice cream cost?

☆D

2. Sam visits a toy shop that has a special offer on and buys 3 toys.

£4   £3   £5

Offer

Buy 3 toys and get the cheapest toy free!

How much does he spend at the shop?

☆D

3. John took his children, Sally and Lee, to the swimming baths on Saturday.

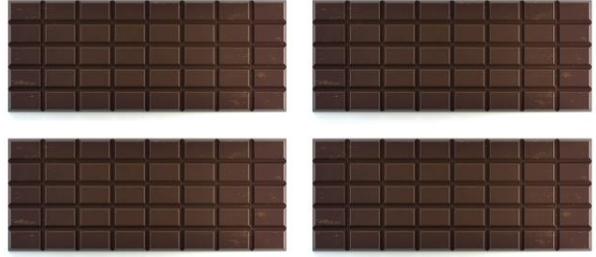|	Weekday	Weekend
Adult	£5	£6
Child	£3	£4

John says it will cost £15 but Sally says it will cost £14.
Who is correct? Explain how you know.

☆D

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Homework/Extension – Four Operations – Year 4 Developing

Four Operations

4. Max has £10.

He buys 4 chocolate bars and receives £4 change.
How much does a bar of chocolate cost?

5. Lucy visits a cake shop that has a special offer on and buys 3 buns.

£2.00   £2.20   £2.40

Offer

Spend over £5, get the cheapest half price!

What will the 3 buns cost her altogether?

6. Stephen is taking his daughter, Alice, and her friends to the cinema one evening.

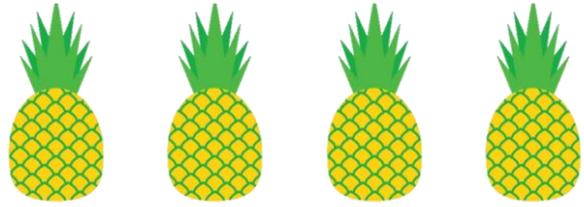|	Afternoon	Evening
Adult	£7.50	£9.50
Child	£4.25	£5.75

The tickets cost £32.50 altogether.
How many friends did Alice take with her? Explain how you know.

7. Russell has £10.

He buys 4 pineapples and receives 480p change.
How much does a pineapple cost?

VF
HW/Ext

8. Katie visits a stationery shop that has a special offer on and buys 3 items.

270p   £2.90   330p

Offer

Buy three items, get the cheapest half price!

What will the 3 items cost her altogether?

VF
HW/Ext

9. Rhonda is taking her son, Ryan, and his friends for a game of bowling one Friday.

	Weekday	Weekend
Adult	750p	£9.50
Child	£4.35	575p

The game of bowling costs £29.25 altogether.
How many friends did Ryan take with him? Explain how you know.

RPS
HW/Ext

Developing

1. **£2**
2. **£9**
3. **Sally is correct because £6 + £4 + £4 = £14.**

Expected

4. **£1.50**
5. **£5.60**
6. **Alice takes 3 friends as £5.75 x 4 = £23 + £9.50 for her dad, which makes £32.50.**

Greater Depth

7. **£1.30**
8. **£7.55**
9. **Ryan takes 4 friends as £4.35 x 5 = £21.75 + £7.50 for his Mum makes £29.25.**