

Maths Planning and Ideas



Week Commencing: 22nd June 2020

Year Group: 4

Mathematical Focus: Money

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	Pounds and Pence	Ordering Money	Estimating Money	Four Operations	Friday Maths Challenge
Activity	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y4 children.</i></p> <p>Main:</p> <p>White Rose Maths - Watch Summer Week 9 Lesson 1 https://whiterosemaths.com/homelearning/year-4/</p> <p>You might want to pause it and make notes. Or even rewind and watch bits again.</p> <p>Independent:</p> <p>The questions below the plan can be completed by children independently.</p>	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y4 children.</i></p> <p>Main:</p> <p>White Rose Maths - Watch Summer Week 9 Lesson 2 https://whiterosemaths.com/homelearning/year-4/</p> <p>You might want to pause it and make notes. Or even rewind and watch bits again.</p> <p>Independent:</p> <p>The questions below the plan can be completed by children independently.</p>	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y4 children.</i></p> <p>Main:</p> <p>White Rose Maths - Watch Summer Week 9 Lesson 3 https://whiterosemaths.com/homelearning/year-4/</p> <p>You might want to pause it and make notes. Or even rewind and watch bits again.</p> <p>Independent:</p> <p>The questions below the plan can be completed by children independently.</p>	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y4 children.</i></p> <p>Main:</p> <p>White Rose Maths - Watch Summer Week 9 Lesson 4 https://whiterosemaths.com/homelearning/year-4/</p> <p>You might want to pause it and make notes. Or even rewind and watch bits again.</p> <p>Independent:</p> <p>The questions below the plan can be completed by children independently.</p>	<p>Starter:</p> <p>Times Table Rockstar</p> <p><i>Battle of the Bands and Garage challenges have been set for Y4 children.</i></p> <p>Main:</p> <p>White Rose Maths - Watch Summer Week 9 Lesson 5 – Daily Challenge https://whiterosemaths.com/homelearning/year-4/</p> <p>Good luck!</p>

	<p>Answers:</p> <p>Answers can be found here:</p> <p>https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-1-Answers-Pounds-and-pence.pdf</p> <p>No peeking until after you have had a go.</p>	<p>Answers:</p> <p>Answers can be found here:</p> <p>https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-1-Answers-Pounds-and-pence.pdf</p> <p>No peeking until after you have had a go.</p>	<p>Answers:</p> <p>Answers can be found here:</p> <p>https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-1-Answers-Pounds-and-pence.pdf</p> <p>No peeking until after you have had a go.</p>	<p>Answers:</p> <p>Answers can be found here:</p> <p>https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-4-Four-operations.pdf</p> <p>No peeking until after you have had a go.</p>	
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22.06.2020

LC: Can you identify pounds and pence?

Pounds and pence



1 How much money is there?



p



£

What is the same and what is different?



2

a) Complete the statements.

There is pounds.

There is pence.

There is £ and p.

There is £

b) Draw money so that there are fewer coins but the same total amount.



3 Match the amounts that are equal.

Fill in the missing digits.

460p	£__ and __p	£4.62
420p	£4 and 62p	£4.06
__p	£4 and 6p	£4.20
462p	£4 and 20p	£__
426p	£4 and 26p	£4.60

4 Match the person to the correct amount.



Ron

I have a note and some coins.



Rosie

I have more than Ron.



Jack

I have the most money.



- 5 Amir has a note in his pocket.
Annie has three coins in her pocket.



Amir must have more money than Annie.

Do you agree with Dora? _____

Explain your answer.

- 6 Kim has four coins.
- The coins add to a multiple of 10
 - The total amount is more than £1
 - All the coins are silver.
 - The total is less than £1.50

a) Which four coins could Kim have?

b) How many different combinations can you find?



- 7 Mo has this money.



Decide whether Mo's statements are true (T) or false (F).

Circle your answer and give a reason for your choice.

- a) You can make an amount greater than £11
- T F

- b) You can make exactly £1.50 using three coins.
- T F

- c) You can make exactly £2.02 using four coins.
- T F

- d) You can make exactly £6.11
- T F



23.06.2020

LC: Can you order money?

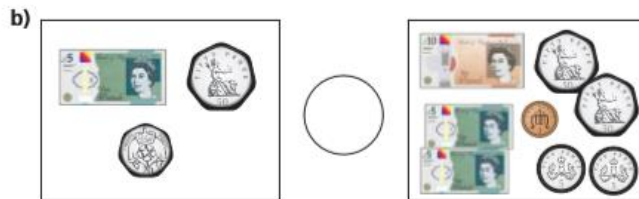
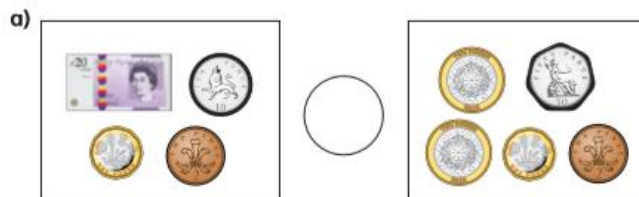
Ordering money



1 What is the value of the digit 2 in these amounts?

- a) 524p _____
- b) £24 and 50p _____
- c) £54.02 _____
- d) 5,240p _____
- e) £42.54 _____
- f) 2,544p _____

2 Write <, > or = to compare each pair of amounts.



c) How did you compare the amounts?



3 Draw three coins in each box to make the statements correct.



£26.70

<



£26.70

>



£26.70

=



Is there more than one way to make each statement correct?



- 4 Write $<$, $>$ or $=$ to compare the amounts.

- a) 743p 734p d) £40.07 4,003p
 b) £37.40 £37.04 e) 4,037p £40.37
 c) £3.74 734p f) 7,304p £73.40

- 5 a) Write the amounts in ascending order.

270p 2,007p 2,700p 720p 7,020p

- b) Write the amounts in descending order.

£4.65 £46.50 £6.45 £45.60 £46.05

- c) Write the amounts in ascending order.

£21.89 1,289p 8,291p £82.19 9,128p

- d) Write the amounts in descending order.

£5.05 550p 5,500p £50.50 £55.05

- 6 Huan has three different silver coins in his hand.

What amounts could he have?

Write them in ascending order.

- 7 Teddy has £6.55 and Annie has 673p.

Dexter has more money than Teddy, but less than Annie.

I only have one copper coin.

Dexter



- a) How much money could Dexter have? £

- b) What different amounts can you find?

- 8 What could the missing amount of money be?

$$369\text{p} < \text{£} \boxed{} \boxed{} \boxed{} \boxed{} < \text{£}16.63$$

Use the digit cards to complete the inequality.



Use each digit card once only.

You do not need to use every card.

Compare answers with a partner. How many different answers can you find?

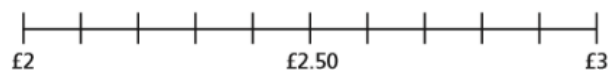
24.06.2020

LC: Can you estimate money?

Estimating money



- 1 a) Complete the number line.

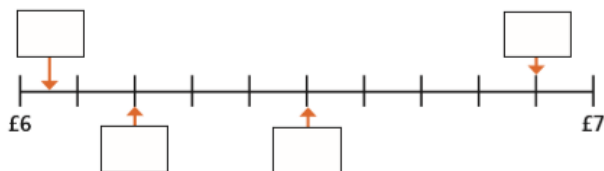


- b) Circle the amounts that round to £3
c) What do you notice about the amounts that round to £2 and the amounts that round to £3?

- 2 Here are some amounts of money.



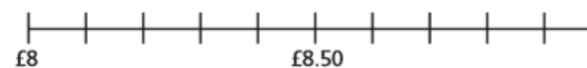
- a) Use the amounts to label the number line.



- b) Sort the amounts into the table.

Rounds to £6	Rounds to £7

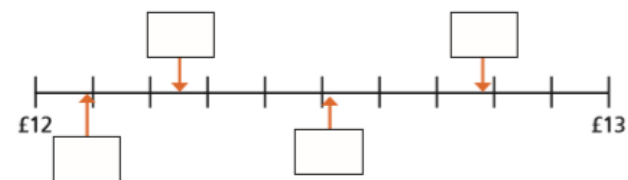
- 3 a) Draw arrows to estimate where each amount is on the number line.



Which amounts were difficult to place on the number line?

- b) Which amounts round to £9?

- 4 a) Write an estimate for each of the missing amounts.



- b) Which amounts round to £12?

- 5 Eva buys a book for £4.85 and a pen for £2.70



The total will be approximately £6 because £4 plus £2 is £6

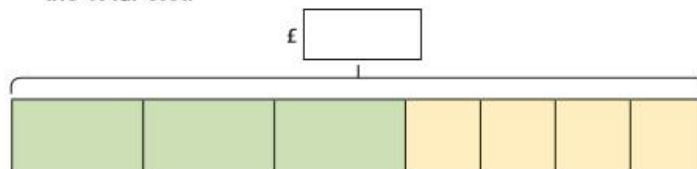
What would be a more accurate estimate for Eva to make?

Explain your answer.

- 6 A football costs £5.65 and cones cost £1.49 each.

Alex wants to buy three footballs and four cones for the football team.

- a) Round the amounts and complete the bar model to estimate the total cost.



- b) Alex has this much money.



Does Alex have enough money?

Talk about it with a partner.

- 7 Ron and Rosie have bought these items.



Round each amount to find an approximate total.

Write <, > or = to compare Ron and Rosie's totals.

Rosie's total



Ron's total

- 8 Filip is thinking of an amount of money.

- The amount rounds to £22 to the nearest pound.
- In the pence, there is an even amount of ones and an odd amount of tens.
- In the pence, the tens digit is less than the ones digit.

What amounts could Filip be thinking of?

Compare answers with a partner.

25.06.2020

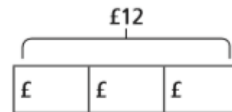
LC: Can you use all four operations?

Four operations



- 1 a) Match the problems to the bar models.

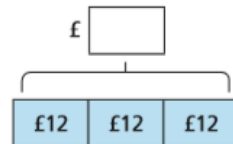
Nijah has £12. Her mum gives her £3 more. How much does she have now?



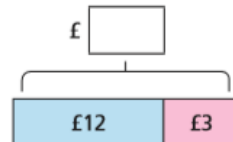
Nijah has £12. She buys a book for £3. How much does she have now?



Nijah has £12. She shares it between 3 of her friends. How much does each friend get?



Nijah has £12. Her friend has 3 times as much. How much does her friend have?



- b) Complete the bar models.

- 2 A child's ticket to the cinema costs £4.50 and an adult's ticket costs £7.95. Dexter wants to know how much more an adult's ticket costs than a child's ticket.



I just need to add £7.95 to £4.50 to find out how much more.

Do you agree with Dexter? _____

Explain your answer.

- 3 Whitney is finding the total of £23.70 and £34.40



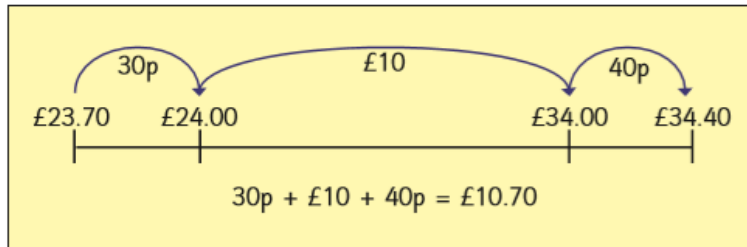
I can add £23 and £34 together to give £57 and add 70p and 40p together to give £1.10 and then combine the two parts. So the total is £58.10

Use Whitney's method to complete the additions.

a) $£8.60 + £7.80 =$

b) $£11.80 + £9.25 =$

- 4 Teddy uses a number line to find the difference between £23.70 and £34.40



Use Teddy's method to help you complete the sentences.

- a) The difference between £17.30 and £32.45 is
- b) The difference between £42.11 and £22.65 is

- 5 A shop sells these items.



- a) Scott buys some marbles, a book and a cap.

He pays with a £20 note.

How much change does he get?

£

- b) Esther buys three sets of headphones.

She has a voucher for £5 off the total.

How much does Esther need to pay?

£

- c) Dani buys a cap and some marbles.

Tom buys a book.

How much more does Dani spend than Tom?

£

- 6 The board shows the cost of different rides at a theme park. Some of the prices are missing.

Use the clues to work out the missing prices.

- Frenzy costs one quarter of the price of Galaxy.
- Speedster costs double the price of Up 'n' Down.
- The combined cost of Galaxy and Up 'n' Down is £17.20

Up 'n' Down	£	<input type="text"/>
Speedster	£	<input type="text"/>
Galaxy	£12.80	
Frenzy	£	<input type="text"/>

Where can I complete further work?

[Twinkl](#) – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, PowerPoints and interactive games to support all areas of learning.

[Classroom Secrets](#) – Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.

[White Rose Maths](#) – Free Maths home learning resources for all ages. Watch the videos and try the questions.

[Primary Stars](#) – Free Maths home learning packs for Year 1 and 2.

[BBC Bitesize Primary](#) – Free learning resources available for KS1 and KS2 across all subjects.

[I See Maths](#) – Free daily home maths lessons hosted by Gareth Metcalfe. Follow the link for videos, information and resources.

[Top Marks](#) – Free educational resources and games for English and Maths.

[ICT Games](#) – Free educational resources and games for English and Maths.