Homework/Extension
Step 3: Using Rounding to Estimate Money

National Curriculum Objectives:

Mathematics Year 4: (4M1) [Compare different measures, including money in pounds and pence](#)
Mathematics Year 4: (4M2) [Estimate different measures, including money in pounds and pence](#)
Mathematics Year 4: (4M9) [Calculate different measures, including money in pounds and pence](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Match a given statement to an amount of money by rounding. Using £.p.
Expected Match a given statement to an amount of money by rounding. Using £.p and 3-digit amounts of pence (e.g. 706p).
Greater Depth Match a given statement to an amount of money by rounding. Using mixed £.p and p and larger 4-digit amounts.

Questions 2, 5 and 8 (Varied Fluency)
Developing Decide if an inequality statement is true or false by rounding amounts to find an approximate total. Using £.p.
Expected Decide if an inequality statement is true or false by rounding amounts to find an approximate total. Using £.p and 3-digit amounts of pence (e.g. 706p).
Greater Depth Decide if an inequality statement is true or false by rounding amounts to find an approximate total. Using mixed £.p and p and larger 4-digit amounts.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Find different combinations of rounded amounts to work out approximate change. Using £.p.
Expected Find different combinations of rounded amounts to work out approximate change. Using £.p and 3-digit amounts of pence (e.g. 706p).
Greater Depth Find different combinations of rounded amounts to work out approximate change. Using mixed £.p and p and larger 4-digit amounts.

More [Year 4 Decimals](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

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Using Rounding to Estimate Money

1. Match each statement to the correct amount.

Stefan: My amount of money would round to £7.00.

Rose: My amount of money would round to £9.00.

Cheng: My amount of money would round to £8.00.

£8.75

£7.92

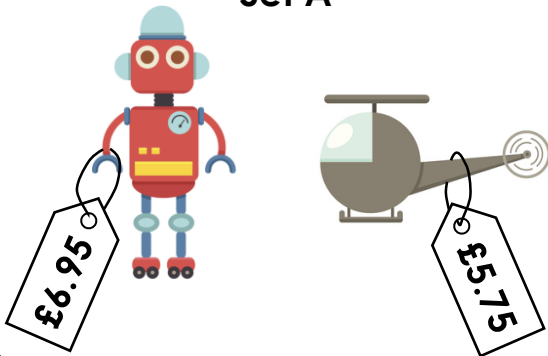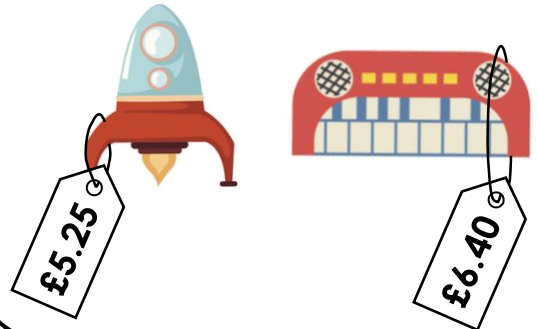£6.89

2. True or false? This statement is correct when the amounts are rounded to find an approximate total for each set.

Set A

£6.95   £5.75

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Set B

£5.25   £6.40

3. Louisa goes to the shop with her dad. She has saved £20.00 to spend. Round the prices to find different combinations of three items she could buy.
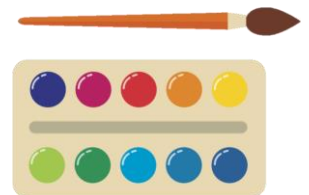
£4.99   £5.31   £8.66   £7.42

Use the information to estimate how much change would she get.

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Homework/Extension – Using Rounding to Estimate Money – Year 4 Developing

Using Rounding to Estimate Money

4. Match each statement to the correct amount.

Fozia

My amount of money would round to £6.00.

879p

Matthew

My amount of money would round to £8.00.

629p

Ellie

My amount of money would round to £9.00.

£8.31

E

5. True or false? This statement is correct when the amounts are rounded to find an approximate total for each set.

Set A

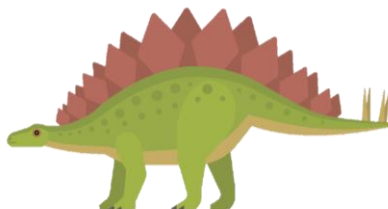237p   955p

>

Set B

£11.75   267p

E

6. Daniel goes to the shop with his dad. He has saved £20.00 to spend. Round the prices to find different combinations of three items he could buy.

963p   £5.25   £3.70   235p

Use the information to estimate how much change would he get.

E

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Homework/Extension – Using Rounding to Estimate Money – Year 4 Expected

Using Rounding to Estimate Money

7. Match each statement to the correct amount.

Ibrahim

My amount of money would round to £12.00.

1,352p

Olivia

My amount of money would round to £14.00.

1,251p

Samuel

My amount of money would round to £13.00.

£12.49

GD

VF
HW/Ext

8. True or false? This statement is correct when the amounts are rounded to find an approximate total for each set.

Set A

○ 1,111p   ○ 748p

=

Set B

○ 751p   ○ 1,112p

GD

VF
HW/Ext

9. Zara goes to the shop with her dad. She has saved £20.00 to spend. Round the prices to find different combinations of three items she could buy.

1,001p   £5.39   451p   1,043p

Use the information to estimate how much change would she get.

GD

RPS
HW/Ext

Developing
1. Stefan - £6.89, Rose - £8.75, Cheng - £7.92
2. False, Set A costs approximately £13 which is more than Set B which costs approximately £11.
3. Various answers, for example: The highlighters, note pad and paints would cost approximately £17. The approximate change would be £3.

Expected
4. Fozia – 629p, Matthew - £8.31, Ellie – 879p
5. False. Set A costs approximately £12 which is less than Set B which costs approximately £15.
6. Various answers, for example: The kite, dinosaur toy and pirate hat would cost approximately £11. The approximate change would be £9.

Greater Depth
7. Ibrahim - £12.49, Olivia – 1,352p, Samuel – 1,251p
8. False. Set A costs approximately £18 which is less than Set B which costs approximately £19.
9. Various answers, for example: The skirt, t-shirt and scarf would cost approximately £20. The approximate change would be £0.