

Varied Fluency

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:

Developing Questions to support rounding and estimating money. Using £.p.

Expected Questions to support rounding and estimating money. Using £.p and 3-digit amounts of pence (e.g. 706p).

Greater Depth Questions to support rounding and estimating money. Using mixed £.p and p and larger 4-digit amounts. Number lines used may span more than £1.

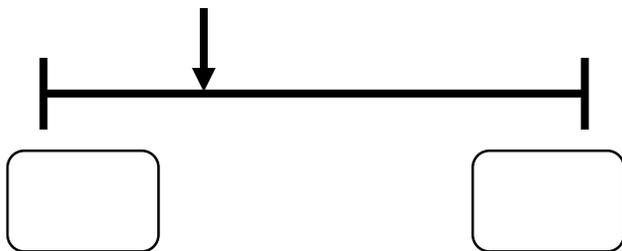
More [Year 4 Money](#) resources.

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Using Rounding to Estimate Money

1a. Which whole pounds does the given amount come between?

£2.30



Round the amount to the nearest pound.

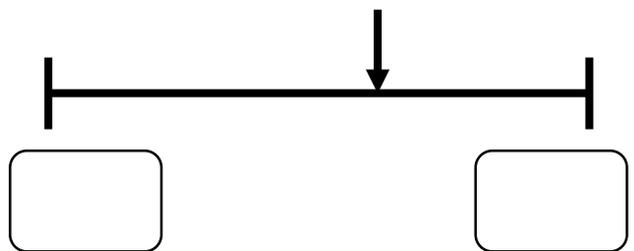


VF

Using Rounding to Estimate Money

1b. Which whole pounds does the given amount come between?

£4.70

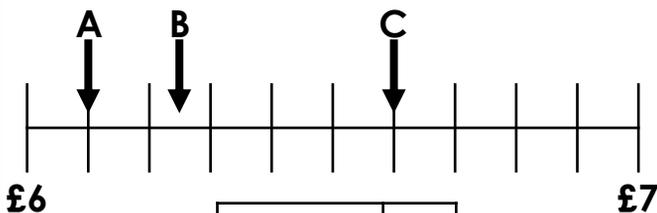


Round the amount to the nearest pound.



VF

2a. Match the amounts to the letters on the number line.

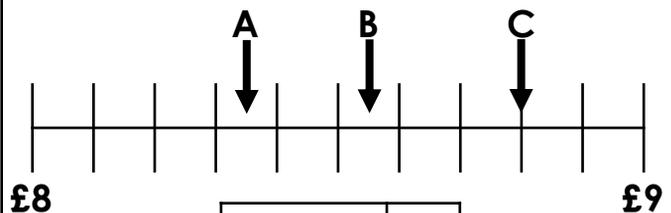


£6.60	
£6.25	
£6.10	



VF

2b. Match the amounts to the letters on the number line.



£8.55	
£8.35	
£8.80	



VF

3a. Match the items to the rounded totals.

A  +  £3.00

£1.05 + £3.40

B  +  £4.00

65p + £2.20



VF

3b. Match the items to the rounded totals.

A  +  £5.00

£2.70 + £4.45

B  +  £7.00

£1.85 + £3.15



VF

4a. Jasmin wants to buy a double scoop ice cream which costs £2.65 and a drink which costs £1.45. Which whole pound does each amount round to?

She has £6.00.

How much change will she receive approximately?



VF

4b. Jibrail buys a cricket bat which costs £5.75 and a cricket ball which costs £2.35. Which whole pound does each amount round to?

He has £9.00.

How much change will he receive approximately?

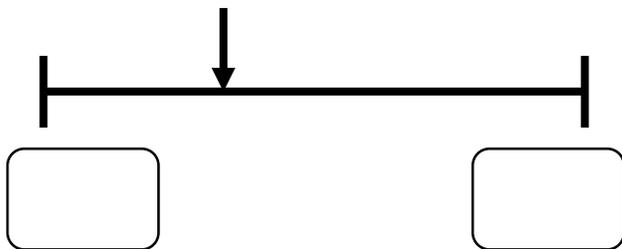


VF

Using Rounding to Estimate Money

5a. Which whole pounds does the given amount come between?

£8.41



Round the amount to the nearest pound.

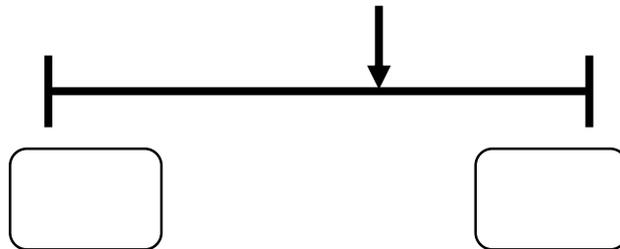


VF

Using Rounding to Estimate Money

5b. Which whole pounds does the given amount come between?

376p

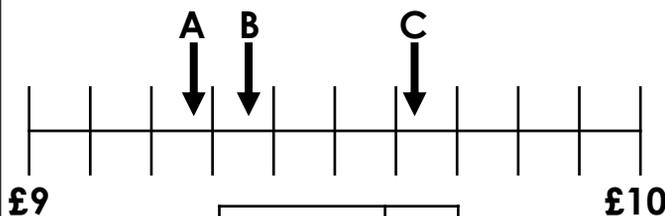


Round the amount to the nearest pound.



VF

6a. Match the amounts to the letters on the number line.

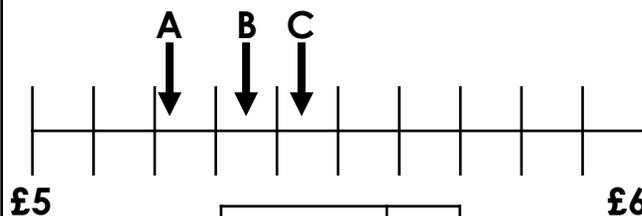


£9.62	
937p	
£9.28	



VF

6b. Match the amounts to the letters on the number line.



£5.34	
£5.43	
522p	



VF

7a. Match the items to the rounded totals.

A + £5.00

690p £1.08

B + £7.00

150p £3.26

C + £8.00

£5.85 55p



VF

7b. Match the items to the rounded totals.

A + £7.00

79p £7.19

B + £8.00

£1.76 £7.45

C + £9.00

£2.34 468p



VF

8a. Jenny wants to buy a new game which costs £5.13 and a new book which costs £3.82. Which whole pound does each amount round to?

She has £12.00.

How much change will she receive approximately?



VF

8b. Leroy buys a new bike helmet which costs 365p and a new bike lock which costs £5.45. Which whole pound does each amount round to?

He has £15.00.

How much change will he receive approximately?

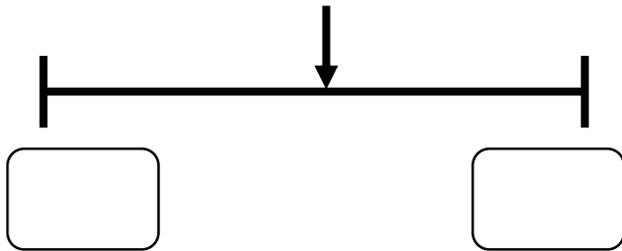


VF

Using Rounding to Estimate Money

9a. Which whole pounds does the given amount come between?

£39.67



Round the amount to the nearest pound.

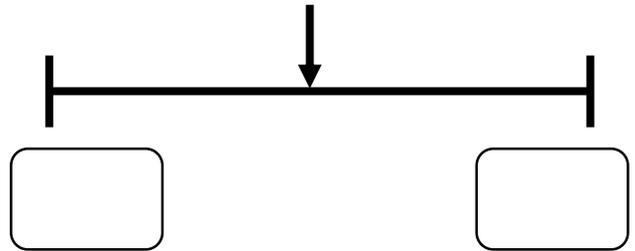


VF

Using Rounding to Estimate Money

9b. Which whole pounds does the given amount come between?

5,552p

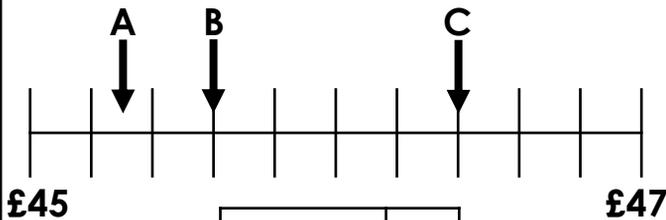


Round the amount to the nearest pound.



VF

10a. Match the amounts to the letters on the number line.



£45

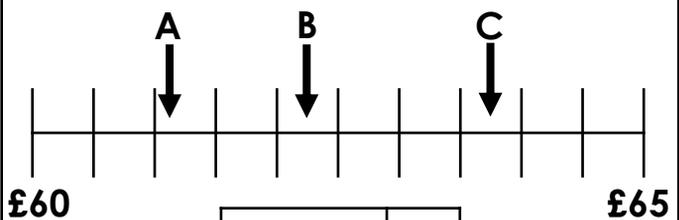
£47

4,560p	
4,640p	
£45.30	



VF

10b. Match the amounts to the letters on the number line.



£60

£65

£63.75	
6,115p	
6,225p	



VF

11a. Match the items to the rounded totals.

A +
1,359p £15.49 **£22.00**

B +
1,087p £11.38 **£26.00**

C +
£14.46 1,222p **£29.00**



VF

11b. Match the items to the rounded totals.

A +
£23.57 1,717p **£41.00**

B +
£18.35 2,989p **£44.00**

C +
2,148p 2,276p **£48.00**



VF

12a. Amanda wants to buy a pair of shoes which cost £37.57, a bag which costs 1,122p and a hat which costs 1,278p. Which whole pound does each amount round to?

She has £68.00. How much change will she receive approximately?



VF

12b. Kai buys a skateboard which costs 2,865p, a helmet which costs £18.45 and knee pads which cost 1,566p. Which whole pound does each amount round to?

He has £70.00. How much change will he receive approximately?



VF

Varied Fluency

Using Rounding to Estimate Money

Developing

- 1a. £2.00 and £3.00. The nearest pound = £2.00.
- 2a. A = £6.10; B = £6.25; C = £6.60
- 3a. A = £1 + £3 = £4.00.
B = £1 + £2 = £3.00.
- 4a. £2.65 = £3.00 and £1.45 = £1.00.
£3 + £1 = £4. He will receive approximately £2 change.

Expected

- 5a. £8.00 and £9.00 nearest pound = £8.00.
- 6a. A = £9.28; B = 937p; C = £9.62
- 7a. A = £7 + £1 = £8.00.
B = £2 + £3 = £5.00.
C = £6 + £1 = £7.00.
- 8a. £5.13 = £5.00 and £3.82 = £4.00.
£5 + £4 = £9. She will receive approximately £3 change.

Greater Depth

- 9a. £39.00 and £40.00. The nearest pound = £40.00.
- 10a. A = £45.30; B = 4,560p; C = 4,640p
- 11a. A = £14 + £15 = £29.00.
B = £11 + £11 = £22.00.
C = £14 + £12 = £26.00.
- 12a. £37.57 = £38, 1,122p = £11 and 1,278p = £13. £38 + £11 + £13 = £62. She will receive approximately £6 change.

Varied Fluency

Using Rounding to Estimate Money

Developing

- 1b. £4.00 and £5.00. The nearest pound = £5.00.
- 2b. A = £8.35; B = £8.55; C = £8.80
- 3b. A = £3 + £4 = £7.00.
B = £2 + £3 = £5.00.
- 4b. £5.75 = £6.00 and £2.35 = £2.00.
£6 + £2 = £8. He will receive approximately £1 change.

Expected

- 5b. £3.00 and £4.00 nearest pound = £4.00.
- 6b. A = 522p; B = £5.34; C = £5.43
- 7b. A = £1 + £7 = £8.00.
B = £2 + £7 = £9.00.
C = £2 + £5 = £7.00.
- 8b. 365p = £4.00 and £5.45 = £5.00.
£4 + £5 = £9. He will receive approximately £6 change.

Greater Depth

- 9b. £55.00 and £56.00. The nearest pound = £56.00
- 10b. A = 6,115p; B = 6,225p; C = £63.75
- 11b. A = £24 + £17 = £41.00.
B = £18 + £30 = £48.00.
C = £21 + £23 = £44.00.
- 12b. 2,865p = £29, £18.45 = £18 and 1,566p = £16. £29 + £18 + £16 = £63. He will receive approximately £7 change.