

Money with Decimals

Write amounts in pence and in pounds. Then put them in order.

Write each amount in pence.

Example

$\text{£}3.45 = \underline{345} \text{ p}$

1. $\text{£}0.07 = \underline{\hspace{2cm}} \text{ p}$

2. $\text{£}4.50 = \underline{\hspace{2cm}} \text{ p}$

3. $\text{£}12.08 = \underline{\hspace{2cm}} \text{ p}$

4. $\text{£}0.60 = \underline{\hspace{2cm}} \text{ p}$

Write each amount in pounds.

Example

$268\text{p} = \text{£} \underline{2.68}$

5. $9\text{p} = \text{£} \underline{\hspace{2cm}}$

6. $730\text{p} = \text{£} \underline{\hspace{2cm}}$

7. $1405\text{p} = \text{£} \underline{\hspace{2cm}}$

8. $50\text{p} = \text{£} \underline{\hspace{2cm}}$

Write the amounts in order, from least to greatest.

Example

$\text{£}0.75$

57p

$\text{£}0.05$

$\text{£}1.07$

$\underline{\text{£}0.05} < \underline{57\text{p}} < \underline{\text{£}0.75} < \underline{\text{£}1.07}$

9.

$\text{£}2.30$

209p

$\text{£}2.03$

320p

$\underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}}$

10.

99p

$\text{£}9.09$

$\text{£}0.90$

$\text{£}9.90$

$\underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}}$

Money with Decimals

Add and subtract money in columns, lined up on the decimal point.

Add. The decimal points are lined up for you.

Example

$$\begin{array}{r} \text{£ } 12.45 \\ + \text{£ } 3.79 \\ \hline \text{£ } 16.24 \\ \hline \end{array}$$

1 1

1.

$$\begin{array}{r} \text{£ } 6.58 \\ + \text{£ } 4.75 \\ \hline \end{array}$$

2.

$$\begin{array}{r} \text{£ } 24.36 \\ + \text{£ } 8.89 \\ \hline \end{array}$$

3.

$$\begin{array}{r} \text{£ } 0.87 \\ + \text{£ } 5.65 \\ \hline \end{array}$$

Subtract. Exchange when you need to.

Example

$$\begin{array}{r} \text{£ } 8.512 \\ - \text{£ } 3.67 \\ \hline \text{£ } 4.85 \\ \hline \end{array}$$

4.

$$\begin{array}{r} \text{£ } 15.30 \\ - \text{£ } 6.45 \\ \hline \end{array}$$

5.

$$\begin{array}{r} \text{£ } 20.00 \\ - \text{£ } 13.65 \\ \hline \end{array}$$

6.

$$\begin{array}{r} \text{£ } 7.06 \\ - \text{£ } 2.38 \\ \hline \end{array}$$

Solve. Line up the decimal points and show your working.

7. Freya buys a book for £6.99 and a bookmark for 85p at the book fair. How much does she spend?

8. Leo pays for a cinema ticket costing £7.45 with a £10 note. How much change does he get?

9. A bus pass costs £14.60. Amir has saved £9.85. How much more does he need?

Money with Decimals

Multiply money, multiply by 10 and 100, and scale prices up.

Find the cost. Multiply in columns.

Example 4 bus tickets at £2.45 each $\begin{array}{r} \text{£} \quad 2.45 \\ \times \quad 4 \\ \hline \text{£} \quad 9.80 \\ \hline \end{array}$ 1 2	1. 3 ice lollies at £1.85 each $\begin{array}{r} \text{£} \quad 1.85 \\ \times \quad 3 \\ \hline \end{array}$	2. 6 notebooks at 95p each $\begin{array}{r} \text{£} \quad 0.95 \\ \times \quad 6 \\ \hline \end{array}$	3. 5 tubs of paint at £3.60 each $\begin{array}{r} \text{£} \quad 3.60 \\ \times \quad 5 \\ \hline \end{array}$
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Multiply by 10 and by 100. Write the answers in pounds.

	Amount	$\times 10$	$\times 100$
Example	£0.35	£3.50	£35.00
4.	£1.20		
5.	£0.08		
6.	£4.06		

Solve. Show your working.

7. A football costs £6.35. Boots cost three times as much. How much are the boots? _____	8. A comic costs £3.85. Priya's book costs twice as much. How much is her book? _____	9. A pizza costs £3.95. A family meal costs four times as much. How much is the meal? _____
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Money with Decimals

Divide money: share amounts equally and find the price of one.

Share equally. Use short division.

Example

$$\begin{array}{r} \text{£ } 2.50 \\ 3 \overline{) \text{£ } 7.50} \\ \underline{\text{£ } 6.0} \\ \text{£ } 1.50 \\ \underline{\text{£ } 1.50} \\ 0 \end{array}$$

1.

$$4 \overline{) \text{£ } 9.36}$$

2.

$$5 \overline{) \text{£ } 8.65}$$

3.

$$6 \overline{) \text{£ } 4.68}$$

Solve. Show your working.

Example

A pack of 4 rulers costs £3.48. How much does one ruler cost?

$$\text{£}3.48 \div 4 = \text{£}0.87$$

87p

or £0.87

4. Six friends share a £13.50 lunch bill equally. How much does each friend pay?

5. Grace spends a quarter of her £6.00 pocket money on stickers. How much does she spend?

6. A box of 8 pencils costs £2.96. How much does one pencil cost?

7. Oliver gives a tenth of his £24.50 savings to a charity. How much does he give?

8. Callum pays £4.35 for 3 packs of football stickers. How much is one pack?

Money with Decimals

Plan a class party with a price list and a £20 budget.

Party Shop Price List

Balloons, pack of 10 .. **£1.85**

Plates, pack of 20 **£2.40**

Cups, pack of 20 **£1.65**

Napkins, pack of 30 **80p**

Crisps, pack of 6 **£2.75**

Bottle of juice **95p**

Party cake **£6.50**

Bunting **£4.99**

Our budget



The class has £20 to spend on a party. Show your working.

Example How much do the balloons and the bunting cost altogether?

$$£1.85 + £4.99 = £6.84$$

£6.84

1. The class buys the cake and 2 packs of crisps. How much do they spend?

2. They buy plates, cups and napkins with a £10 note. What is the change?

3. How many bottles of juice can they buy with £5? How much money is left?

_____ bottles, _____ left

4. Plates come in a pack of 20. How much does one plate cost?

5. Is £20 enough for the cake, bunting, balloons and crisps? How much is left?

Yes No _____ left

Money with Decimals

Write amounts in pence and in pounds. Then put them in order.

Write each amount in pence.

Example

$$£3.45 = \underline{345} \text{ p}$$

1. $£0.07 = \underline{\hspace{2cm}} \text{ p}$

2. $£4.50 = \underline{\hspace{2cm}} \text{ p}$

3. $£12.08 = \underline{\hspace{2cm}} \text{ p}$

4. $£0.60 = \underline{\hspace{2cm}} \text{ p}$

Write each amount in pounds.

Example

$$268\text{p} = £ \underline{2.68}$$

5. $9\text{p} = £ \underline{\hspace{2cm}}$

6. $730\text{p} = £ \underline{\hspace{2cm}}$

7. $1405\text{p} = £ \underline{\hspace{2cm}}$

8. $50\text{p} = £ \underline{\hspace{2cm}}$

Write the amounts in order, from least to greatest.

Example

£0.75

57p

£0.05

£1.07

$\underline{£0.05} < \underline{57\text{p}} < \underline{£0.75} < \underline{£1.07}$

9.

£2.30

209p

£2.03

320p

$\underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}}$

10.

99p

£9.09

£0.90

£9.90

$\underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}} < \underline{\hspace{2cm}}$

Money with Decimals

Add and subtract money in columns, lined up on the decimal point.

Add. The decimal points are lined up for you.

Example $\begin{array}{r} \text{£ } 12.45 \\ + \text{£ } 3.79 \\ \hline \text{£ } 16.24 \\ \hline \end{array}$ 1 1	1. $\begin{array}{r} \text{£ } 6.58 \\ + \text{£ } 4.75 \\ \hline \\ \hline \end{array}$	2. $\begin{array}{r} \text{£ } 24.36 \\ + \text{£ } 8.89 \\ \hline \\ \hline \end{array}$	3. $\begin{array}{r} \text{£ } 0.87 \\ + \text{£ } 5.65 \\ \hline \\ \hline \end{array}$
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Subtract. Exchange when you need to.

Example $\begin{array}{r} \text{£ } 8.512 \\ - \text{£ } 3.67 \\ \hline \text{£ } 4.85 \\ \hline \end{array}$	4. $\begin{array}{r} \text{£ } 15.30 \\ - \text{£ } 6.45 \\ \hline \\ \hline \end{array}$	5. $\begin{array}{r} \text{£ } 20.00 \\ - \text{£ } 13.65 \\ \hline \\ \hline \end{array}$	6. $\begin{array}{r} \text{£ } 7.06 \\ - \text{£ } 2.38 \\ \hline \\ \hline \end{array}$
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Solve. Line up the decimal points and show your working.

7. Freya buys a book for £6.99 and a bookmark for 85p at the book fair. How much does she spend? _____	8. Leo pays for a cinema ticket costing £7.45 with a £10 note. How much change does he get? _____	9. A bus pass costs £14.60. Amir has saved £9.85. How much more does he need? _____
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Money with Decimals

Multiply money, multiply by 10 and 100, and scale prices up.

Find the cost. Multiply in columns.

Example

4 bus tickets at £2.45 each

£2.45

×4

£9.80

12

1.

3 ice lollies at £1.85 each

£1.85

×3

2.

6 notebooks at 95p each

£0.95

×6

3.

5 tubs of paint at £3.60 each

£3.60

×5

Multiply by 10 and by 100. Write the answers in pounds.

	Amount	× 10	× 100
Example	£0.35	£3.50	£35.00
4.	£1.20		
5.	£0.08		
6.	£4.06		

Solve. Show your working.

7. A football costs £6.35. Boots cost three times as much. How much are the boots?

8. A comic costs £3.85. Priya's book costs twice as much. How much is her book?

9. A pizza costs £3.95. A family meal costs four times as much. How much is the meal?

Money with Decimals

Divide money: share amounts equally and find the price of one.

Share equally. Use short division.

Example $\begin{array}{r} \text{£ } 2.50 \\ 3 \overline{) \text{£ } 7.50} \\ \underline{6} \\ 15 \\ \underline{15} \\ 0 \end{array}$	1. $\begin{array}{r} \\ 4 \overline{) \text{£ } 9.36} \end{array}$	2. $\begin{array}{r} \\ 5 \overline{) \text{£ } 8.65} \end{array}$	3. $\begin{array}{r} \\ 6 \overline{) \text{£ } 4.68} \end{array}$
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Solve. Show your working.

Example A pack of 4 rulers costs £3.48. How much does one ruler cost? £3.48 ÷ 4 = £0.87 87p or £0.87	4. Six friends share a £13.50 lunch bill equally. How much does each friend pay? _____	5. Grace spends a quarter of her £6.00 pocket money on stickers. How much does she spend? _____
6. A box of 8 pencils costs £2.96. How much does one pencil cost? _____	7. Oliver gives a tenth of his £24.50 savings to a charity. How much does he give? _____	8. Callum pays £4.35 for 3 packs of football stickers. How much is one pack? _____

Money with Decimals

Plan a class party with a price list and a £20 budget.

Party Shop Price List

Balloons, pack of 10 .. **£1.85**

Plates, pack of 20 **£2.40**

Cups, pack of 20 **£1.65**

Napkins, pack of 30 **80p**

Crisps, pack of 6 **£2.75**

Bottle of juice **95p**

Party cake **£6.50**

Bunting **£4.99**

Our budget



The class has £20 to spend on a party. Show your working.

Example How much do the balloons and the bunting cost altogether?

$$£1.85 + £4.99 = £6.84$$

£6.84

1. The class buys the cake and 2 packs of crisps. How much do they spend?

2. They buy plates, cups and napkins with a £10 note. What is the change?

3. How many bottles of juice can they buy with £5? How much money is left?

_____ bottles, _____ left

4. Plates come in a pack of 20. How much does one plate cost?

5. Is £20 enough for the cake, bunting, balloons and crisps? How much is left?

Yes No _____ left

Money with Decimals

Write amounts in pence and in pounds. Then put them in order.

Write each amount in pence.

Example

$$£3.45 = \underline{345} \text{ p}$$

1. $£0.07 = \underline{7} \text{ p}$

2. $£4.50 = \underline{450} \text{ p}$

3. $£12.08 = \underline{1208} \text{ p}$

4. $£0.60 = \underline{60} \text{ p}$

Write each amount in pounds.

Example

$$268\text{p} = £ \underline{2.68}$$

5. $9\text{p} = £ \underline{0.09}$

6. $730\text{p} = £ \underline{7.30}$

7. $1405\text{p} = £ \underline{14.05}$

8. $50\text{p} = £ \underline{0.50}$

Write the amounts in order, from least to greatest.

Example

£0.75

57p

£0.05

£1.07

$\underline{£0.05} < \underline{57\text{p}} < \underline{£0.75} < \underline{£1.07}$

9.

£2.30

209p

£2.03

320p

$\underline{£2.03} < \underline{209\text{p}} < \underline{£2.30} < \underline{320\text{p}}$

10.

99p

£9.09

£0.90

£9.90

$\underline{£0.90} < \underline{99\text{p}} < \underline{£9.09} < \underline{£9.90}$

Money with Decimals

Add and subtract money in columns, lined up on the decimal point.

Add. The decimal points are lined up for you.

Example

$$\begin{array}{r} \text{£ } 12.45 \\ + \text{£ } 3.79 \\ \hline \text{£ } 16.24 \\ \hline \end{array}$$

1 1

1.

$$\begin{array}{r} \text{£ } 6.58 \\ + \text{£ } 4.75 \\ \hline \text{£ } 11.33 \\ \hline \end{array}$$

1 1 1

2.

$$\begin{array}{r} \text{£ } 24.36 \\ + \text{£ } 8.89 \\ \hline \text{£ } 33.25 \\ \hline \end{array}$$

1 1 1

3.

$$\begin{array}{r} \text{£ } 0.87 \\ + \text{£ } 5.65 \\ \hline \text{£ } 6.52 \\ \hline \end{array}$$

1 1

Subtract. Exchange when you need to.

Example

$$\begin{array}{r} \text{£ } 8.52 \\ - \text{£ } 3.67 \\ \hline \text{£ } 4.85 \\ \hline \end{array}$$

7 14

4.

$$\begin{array}{r} \text{£ } 15.30 \\ - \text{£ } 6.45 \\ \hline \text{£ } 8.85 \\ \hline \end{array}$$

0 14 12

5.

$$\begin{array}{r} \text{£ } 20.00 \\ - \text{£ } 13.65 \\ \hline \text{£ } 6.35 \\ \hline \end{array}$$

1 9 9

6.

$$\begin{array}{r} \text{£ } 7.06 \\ - \text{£ } 2.38 \\ \hline \text{£ } 4.68 \\ \hline \end{array}$$

6 9

Solve. Line up the decimal points and show your working.

7. Freya buys a book for £6.99 and a bookmark for 85p at the book fair. How much does she spend?

$$\text{£}6.99 + \text{£}0.85 = \text{£}7.84$$

£7.84

8. Leo pays for a cinema ticket costing £7.45 with a £10 note. How much change does he get?

$$\text{£}10.00 - \text{£}7.45 = \text{£}2.55$$

£2.55

9. A bus pass costs £14.60. Amir has saved £9.85. How much more does he need?

$$\text{£}14.60 - \text{£}9.85 = \text{£}4.75$$

£4.75

Money with Decimals

Multiply money, multiply by 10 and 100, and scale prices up.

Find the cost. Multiply in columns.

Example 4 bus tickets at £2.45 each $\begin{array}{r} \text{£} \quad 2.45 \\ \times \quad 4 \\ \hline \text{£} \quad 9.80 \end{array}$ 1 2	1. 3 ice lollies at £1.85 each $\begin{array}{r} \text{£} \quad 1.85 \\ \times \quad 3 \\ \hline \text{£} \quad 5.55 \end{array}$ 2 1	2. 6 notebooks at 95p each $\begin{array}{r} \text{£} \quad 0.95 \\ \times \quad 6 \\ \hline \text{£} \quad 5.70 \end{array}$ 5 3	3. 5 tubs of paint at £3.60 each $\begin{array}{r} \text{£} \quad 3.60 \\ \times \quad 5 \\ \hline \text{£} \quad 18.00 \end{array}$ 1 3
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Multiply by 10 and by 100. Write the answers in pounds.

	Amount	$\times 10$	$\times 100$
Example	£0.35	<u>£3.50</u>	<u>£35.00</u>
4.	£1.20	<u>£12.00</u>	<u>£120.00</u>
5.	£0.08	<u>£0.80</u>	<u>£8.00</u>
6.	£4.06	<u>£40.60</u>	<u>£406.00</u>

Solve. Show your working.

7. A football costs £6.35. Boots cost three times as much. How much are the boots? $\text{£}6.35 \times 3 = \text{£}19.05$ <u>£19.05</u>	8. A comic costs £3.85. Priya's book costs twice as much. How much is her book? $\text{£}3.85 \times 2 = \text{£}7.70$ <u>£7.70</u>	9. A pizza costs £3.95. A family meal costs four times as much. How much is the meal? $\text{£}3.95 \times 4 = \text{£}15.80$ <u>£15.80</u>
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Money with Decimals

Divide money: share amounts equally and find the price of one.

Share equally. Use short division.

Example

$$\begin{array}{r} \text{£ } 2.50 \\ 3 \overline{) \text{£ } 7.50} \\ \underline{\text{£ } 6.0} \\ \text{£ } 1.50 \\ \underline{\text{£ } 1.50} \\ 0 \end{array}$$

1.

$$\begin{array}{r} \text{£ } 2.34 \\ 4 \overline{) \text{£ } 9.36} \\ \underline{\text{£ } 8.0} \\ \text{£ } 1.36 \\ \underline{\text{£ } 1.20} \\ \text{£ } 0.16 \\ \underline{\text{£ } 0.16} \\ 0 \end{array}$$

2.

$$\begin{array}{r} \text{£ } 1.73 \\ 5 \overline{) \text{£ } 8.65} \\ \underline{\text{£ } 5.0} \\ \text{£ } 3.65 \\ \underline{\text{£ } 3.00} \\ \text{£ } 0.65 \\ \underline{\text{£ } 0.60} \\ \text{£ } 0.05 \\ \underline{\text{£ } 0.05} \\ 0 \end{array}$$

3.

$$\begin{array}{r} \text{£ } 0.78 \\ 6 \overline{) \text{£ } 4.68} \\ \underline{\text{£ } 3.6} \\ \text{£ } 1.08 \\ \underline{\text{£ } 1.08} \\ 0 \end{array}$$

Solve. Show your working.

Example

A pack of 4 rulers costs £3.48. How much does one ruler cost?

$$\text{£}3.48 \div 4 = \text{£}0.87$$

87p

or £0.87

4. Six friends share a £13.50 lunch bill equally. How much does each friend pay?

$$\text{£}13.50 \div 6 = \text{£}2.25$$

£2.25

5. Grace spends a quarter of her £6.00 pocket money on stickers. How much does she spend?

$$\text{£}6.00 \div 4 = \text{£}1.50$$

£1.50

6. A box of 8 pencils costs £2.96. How much does one pencil cost?

$$\text{£}2.96 \div 8 = \text{£}0.37$$

37p

or £0.37

7. Oliver gives a tenth of his £24.50 savings to a charity. How much does he give?

$$\text{£}24.50 \div 10 = \text{£}2.45$$

£2.45

8. Callum pays £4.35 for 3 packs of football stickers. How much is one pack?

$$\text{£}4.35 \div 3 = \text{£}1.45$$

£1.45

Money with Decimals

Plan a class party with a price list and a £20 budget.

Party Shop Price List

Balloons, pack of 10 .. **£1.85**

Plates, pack of 20 **£2.40**

Cups, pack of 20 **£1.65**

Napkins, pack of 30 **80p**

Crisps, pack of 6 **£2.75**

Bottle of juice **95p**

Party cake **£6.50**

Bunting **£4.99**

Our budget



The class has £20 to spend on a party. Show your working.

Example How much do the balloons and the bunting cost altogether?

$$£1.85 + £4.99 = £6.84$$

£6.84

1. The class buys the cake and 2 packs of crisps. How much do they spend?

$$£2.75 \times 2 = £5.50$$

$$£6.50 + £5.50 = £12.00$$

£12.00

2. They buy plates, cups and napkins with a £10 note. What is the change?

$$£2.40 + £1.65 + £0.80 = £4.85$$

$$£10.00 - £4.85 = £5.15$$

£5.15

3. How many bottles of juice can they buy with £5? How much money is left?

$$£0.95 \times 5 = £4.75$$

$$£5.00 - £4.75 = £0.25$$

5 bottles, **25p** left
or £0.25

4. Plates come in a pack of 20. How much does one plate cost?

$$£2.40 \div 20 = £0.12$$

12p
or £0.12

5. Is £20 enough for the cake, bunting, balloons and crisps? How much is left?

$$£6.50 + £4.99 + £1.85 + £2.75 = £16.09$$

$$£20.00 - £16.09 = £3.91$$

Yes No **£3.91** left