

Problem Solving with Money

Solve these money problems.

1. Rebecca went to the shop and bought 3 apples and a piece of cheese.
How much did she spend altogether?

2. Carter went to the shop and bought 6 tomatoes and 2 cupcakes.
How much did she spend all altogether?

3. Harnam went to the shop and bought a 3 samosas and some eggs. How much did she spend all altogether?

4. Marius went to the shop and bought a cucumber, an apple and some milk. He had £2 to spend. Did he have enough money? How do you know?

5. Jake went to the shop and bought some bacon and 4 cupcakes. How much did he spend altogether? He paid £10 to the shopkeeper. How much change did he get?

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Solve these money problems.

1. Michael bought bread, 2 cartons of milk and some jam. How much did he spend?

2. Felix bought 6 cupcakes. How much did he spend?

3. Geeta bought eggs, bacon and orange juice. She paid with a £10 note. How much change did she get?

4. Rishi bought some loaves of bread. He paid with a £5 note and got £1.16 change. How many loaves of bread did he buy?

5. Hannah loves samosas and buys one every day for a week. How much does she spend?

6. How many tomatoes could you buy with a £2 coin? How much change would you get?

7. If Eva buys 5 cartons of orange juice, she will get them half price. What would she spend?

8. If you have £5 to spend, which three items would you buy? How much change would you get?

Problem Solving with Money

Solve these money problems.

1. Evie went to the shop and bought 5 boxes of eggs and 3 packs of bacon. How much money did she spend altogether?

2. Cheng went to the shop and bought a loaf of bread, 2 chickens and 4 samosas. How much money did he spend altogether?

3. How many cupcakes could you buy with a £5 note? Explain your answer.

4. Sebastian went to the shop and bought 3 loaves of bread, a chicken and 2 packs of bacon. He paid with a £20 note. How much change did he get?

5. Which is more expensive: 5 pots of strawberry jam or 4 loaves of bread? Explain your answer.

6. Chickens are on sale. Today's offer is buy 2 and get the third $\frac{1}{2}$ price. John wants 3 chickens. How much will it cost him altogether?

7. Sara has £1. Which 2 items could she buy in the shop so that she spends £1 exactly?

8. If you have £5 to spend, which three items would you buy? How much change would you get?

Answers

1. $39\text{p} \times 3 = \text{£}1.17 + \text{£}1.13 = \text{£}2.30$

2. $12\text{p} \times 6 = 72\text{p}$ $85\text{p} \times 2 = \text{£}1.70$ $72\text{p} + \text{£}1.70 = \text{£}2.42$

3. $76\text{p} \times 3 = \text{£}2.28 + 67\text{p} = \text{£}2.95$

4. $87\text{p} + 39\text{p} + 90\text{p} = \text{£}2.16$. He does not have enough money.

5. $85\text{p} \times 4 = \text{£}3.40 + \text{£}2.15 = \text{£}5.55$. He gets $\text{£}4.45$ change.

Answers

1. $90\text{p} \times 2 = \text{£}1.80 + \text{£}1.28 + \text{£}1.05 = \text{£}4.13$
2. $85\text{p} \times 6 = \text{£}5.10$
3. $67\text{p} + \text{£}2.15 + \text{£}2.90 = \text{£}5.72$ which means she gets $\text{£}4.28$ change.
4. 3 loaves of bread.
5. $76\text{p} \times 7 = \text{£}5.32$ for the whole week.
6. 16 tomatoes. 8p change.
7. $5 \times \text{£}2.90 = \text{£}14.50 \div 2$ (for half price) = $\text{£}7.25$
8. Varied answers.

Answers

1. $5 \times 67\text{p} = \text{£}3.35$ $3 \times \text{£}2.15 = \text{£}6.45$ $\text{£}3.35 + \text{£}6.45 = \text{£}9.80$

2. $2 \times \text{£}3.90 = \text{£}7.80$ $4 \times 76\text{p} = \text{£}3.04$ $\text{£}7.80 + \text{£}3.04 + \text{£}1.28 = \text{£}12.12$

3. $5 \text{ cupcakes} \times 85\text{p} = \text{£}4.25$ (6 cupcakes would be $\text{£}5.10$.)

4. $3 \times \text{£}1.28 = \text{£}3.84$ $2 \times \text{£}2.15 = \text{£}4.30$ $\text{£}3.84 + \text{£}4.30 + \text{£}3.90 = \text{£}12.04$ so he would get $\text{£}7.96$ change.

5. Strawberry jam = $5 \times \text{£}1.05 = \text{£}5.25$ or 4 loaves of bread = $4 \times \text{£}1.28 = \text{£}5.12$.

6. $2 \times \text{£}3.90\text{p} = \text{£}7.80$ $\text{£}3.90 \div 2$ (half) = $\text{£}1.95$ $\text{£}7.80 + \text{£}1.95 = \text{£}9.75$

Total cost for 3 chickens = $\text{£}9.75$

7. 1 samosa and 1 banana ($76\text{p} + 24\text{p} = \text{£}1.00$).

8. Varied answers.