

Name:

Money Problem Solving

Question 1

William spent £4.20 on a new hat.

How much change did William get from £10?

Question 2a

Sally bought a shirt for £10.50 and a pair of pants for £11.30.

How much did Sally spend altogether?

Question 2b

How much change did Sally get from £50?

Question 3

Eddie wants to buy a new bike that costs £140.

If Eddie saves £20 per week, how many weeks will it take Eddie to save enough to buy the bike?

Question 4

Julie earns £20 per week for doing housework.

How much does Sally earn each year for doing housework?

Question 5

How much will a chair that usually costs £160 cost during a half price sale?

Question 6

Four people had dinner together.

The total cost of the meal was £80.

If they split the bill equally, how much does each person need to pay?

Question 7a

Andrea bought 8 apples for £4.

What is the cost of each apple?

Question 7b

How much will 15 apples cost?

Question 8

Jack bought six pens that cost £1.50 each.

How much change did Jack receive from £20?

## Money Problem Solving

<p><b>Question 1</b> William spent £4.20 on a new hat. How much change did William get from £10?</p>	<p><b>Solution</b> To calculate the change subtract £4.20 from £10. <math>£10 - £4.20 = £5.80</math></p>
<p><b>Question 2a</b> Sally bought a shirt for £10.50 and a pair of pants for £11.30. How much did Sally spend altogether?</p>	<p><b>Solution</b> To calculate how much Sally spent altogether, add the price of the two items. <math>£10.50 + £11.30 = £21.80</math></p>
<p><b>Question 2b</b> How much change did Sally get from £50?</p>	<p><b>Solution</b> To calculate the change from £50, subtract the cost of the items from £50. <math>£50 - £21.80 = £28.20</math></p>
<p><b>Question 3</b> Eddie wants to buy a new bike that costs £140. If Eddie saves £20 per week, how many weeks will it take Eddie to save enough to buy the bike?</p>	<p><b>Solution</b> To calculate how many weeks it will take Eddie to save for the bike, divide £140 by £20. <math>£140 \div £20 = 7</math></p>
<p><b>Question 4</b> Julie earns £20 per week for doing housework. How much does Sally earn each year for doing housework?</p>	<p><b>Solution</b> To calculate how much Sally earns each year for doing housework, multiply her weekly earnings by the number of weeks in a year. <math>£20 \times 52 = £1040</math></p>
<p><b>Question 5</b> How much will a chair cost during a half price sale that usually costs £160?</p>	<p><b>Solution</b> To calculate half a price, divide by 2. <math>£160 \div 2 = £80</math></p>
<p><b>Question 6</b> Four people had dinner together. The total cost of the meal was £80. If they split the bill equally, how much does each person need to pay?</p>	<p><b>Solution</b> To calculate each person's share, divide the total amount by the number of people. <math>£80 \div 4 = £20</math></p>
<p><b>Question 7a</b> Andrea bought 8 apples for £4. What is the cost of each apple?</p>	<p><b>Solution</b> To calculate the cost of each apple, divide the total cost by the number of apples. <math>£4 \div 8 = 50p</math></p>
<p><b>Question 7b</b> How much will 15 apples cost?</p>	<p><b>Solution</b> To calculate the cost of 15 apples, multiply the cost of each apple by 15. <math>50p \times 15 = £7.50</math></p>
<p><b>Question 8</b> Jack bought six pens that cost £1.50 each. How much change did Jack receive from £20?</p>	<p><b>Solution</b> To calculate the change, first calculate the total cost then subtract from £20. <math>£1.50 \times 6 = £9</math> <math>£20 - £9 = £11</math></p>