

KS1 Maths Quiz - Year 2 Money - Combination of Coins (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Maths and Numeracy for children aged 6 and 7 in year 2. Specifically this quiz is aimed at the section dealing with finding different combinations of coins that equal the same amounts of money.

It is useful to be able to recognise that the equal values of money can be made by different combinations of coins. Depending on the value, this can sometimes be done in one or two different ways and sometimes in many! Children in Year 2 need a strong grasp of the value of coins in order to be able to reach equal amounts with different combinations.

<p>1. I make 50p by using 20p, 20p and 10p. How else could I make the same amount?</p> <p><input type="checkbox"/> 10p, 10p, 10p, 10p, 10p, 10p</p> <p><input type="checkbox"/> 5p, 5p, 5p, 5p, 5p, 5p, 5p, 5p, 5p, 5p, 5p</p> <p><input type="checkbox"/> 50p, 50p</p> <p><input type="checkbox"/> 20p, 20p, 20p</p>	<p>2. How can you make 80p using only 3 coins?</p> <p><input type="checkbox"/> 50p + 20p + 10p</p> <p><input type="checkbox"/> 20p + 20p + 50p</p> <p><input type="checkbox"/> 10p + 5p + 50p</p> <p><input type="checkbox"/> 20p + 50p + 5p</p>
<p>3. Which of the following does not make 90p?</p> <p><input type="checkbox"/> 20p + 20p + 20p + 20p + 5p + 5p</p> <p><input type="checkbox"/> 50p + 10p + 10p + 10p + 5p + 5p</p> <p><input type="checkbox"/> 50p + 20p + 20p</p> <p><input type="checkbox"/> 20p + 20p + 20p + 10p + 10p</p>	<p>4. How can I make £1?</p> <p><input type="checkbox"/> 5p + 50p + 5p</p> <p><input type="checkbox"/> 10p x 8</p> <p><input type="checkbox"/> 20p + 20p + 20p + 20p + 20p</p> <p><input type="checkbox"/> 50p + 50p + 20p</p>
<p>5. How much is 20p + £1 + 5p + 10p?</p> <p><input type="checkbox"/> £1.05</p> <p><input type="checkbox"/> £1.20</p> <p><input type="checkbox"/> £1.35</p> <p><input type="checkbox"/> £1.55</p>	<p>6. How many different ways can you make 5p?</p> <p><input type="checkbox"/> 7</p> <p><input type="checkbox"/> 5</p> <p><input type="checkbox"/> 3</p> <p><input type="checkbox"/> 4</p>
<p>7. The car park ticket machine does not accept 5p coins, 2p coins or 1p coins. How could I pay exactly for a ticket costing 50p?</p> <p><input type="checkbox"/> 5 x 10p</p> <p><input type="checkbox"/> 3 x 20p</p> <p><input type="checkbox"/> 4 x 50p</p> <p><input type="checkbox"/> 2 x £1</p>	<p>8. I pay for a bus ticket using only three coins. How much might the ticket have cost?</p> <p><input type="checkbox"/> £1</p> <p><input type="checkbox"/> 60p</p> <p><input type="checkbox"/> 55p</p> <p><input type="checkbox"/> 10p</p>
<p>9. 20p + 20p + 20p + 20p is the same as...</p> <p><input type="checkbox"/> 50p + 10p + 10p + 10p</p> <p><input type="checkbox"/> 50p + 20p + 20p</p> <p><input type="checkbox"/> 20p + 20p + 20p + 5p + 5p</p> <p><input type="checkbox"/> 10p + 10p + 10p + 10p + 10p + 5p + 5p</p>	<p>10. I need 75p to buy a drink. Which coins could I use to make the exact amount?</p> <p><input type="checkbox"/> 50p + 50p + 5p</p> <p><input type="checkbox"/> 20p + 20p + 10p + 20p + 10p</p> <p><input type="checkbox"/> 10p + 20p + 50p</p> <p><input type="checkbox"/> 50p + 20p + 5p</p>

KS1 Maths Quiz - Year 2 Money - Combination of Coins (Answers)

<p>1. I make 50p by using 20p, 20p and 10p. How else could I make the same amount?</p> <p><input type="checkbox"/> 10p, 10p, 10p, 10p, 10p, 10p</p> <p><input checked="" type="checkbox"/> 5p, 5p, 5p, 5p, 5p, 5p, 5p, 5p, 5p, 5p</p> <p><input type="checkbox"/> 50p, 50p</p> <p><input type="checkbox"/> 20p, 20p, 20p</p> <p>$10 \times 5 = 50$</p>	<p>2. How can you make 80p using only 3 coins?</p> <p><input checked="" type="checkbox"/> 50p + 20p + 10p</p> <p><input type="checkbox"/> 20p + 20p + 50p</p> <p><input type="checkbox"/> 10p + 5p + 50p</p> <p><input type="checkbox"/> 20p + 50p + 5p</p> <p>80p could also be made using eight 10p coins, or four 20p coins</p>
<p>3. Which of the following does not make 90p?</p> <p><input type="checkbox"/> 20p + 20p + 20p + 20p + 5p + 5p</p> <p><input type="checkbox"/> 50p + 10p + 10p + 10p + 5p + 5p</p> <p><input type="checkbox"/> 50p + 20p + 20p</p> <p><input checked="" type="checkbox"/> 20p + 20p + 20p + 10p + 10p</p> <p>The last total is only 80p</p>	<p>4. How can I make £1?</p> <p><input type="checkbox"/> 5p + 50p + 5p</p> <p><input type="checkbox"/> 10p x 8</p> <p><input checked="" type="checkbox"/> 20p + 20p + 20p + 20p + 20p</p> <p><input type="checkbox"/> 50p + 50p + 20p</p> <p>Five 20p pieces makes 100p, or £1</p>
<p>5. How much is 20p + £1 + 5p + 10p?</p> <p><input type="checkbox"/> £1.05</p> <p><input type="checkbox"/> £1.20</p> <p><input checked="" type="checkbox"/> £1.35</p> <p><input type="checkbox"/> £1.55</p> <p>Putting the £1 first and then adding all the other coins might help</p>	<p>6. How many different ways can you make 5p?</p> <p><input type="checkbox"/> 7</p> <p><input type="checkbox"/> 5</p> <p><input type="checkbox"/> 3</p> <p><input checked="" type="checkbox"/> 4</p> <p>You can make 5p using a 5p piece, or 2p + 2p + 1p, or 2p + 1p + 1p + 1p or 1p + 1p + 1p + 1p + 1p</p>
<p>7. The car park ticket machine does not accept 5p coins, 2p coins or 1p coins. How could I pay exactly for a ticket costing 50p?</p> <p><input checked="" type="checkbox"/> 5 x 10p</p> <p><input type="checkbox"/> 3 x 20p</p> <p><input type="checkbox"/> 4 x 50p</p> <p><input type="checkbox"/> 2 x £1</p> <p>$5 \times 10 = 50$</p>	<p>8. I pay for a bus ticket using only three coins. How much might the ticket have cost?</p> <p><input type="checkbox"/> £1</p> <p><input checked="" type="checkbox"/> 60p</p> <p><input type="checkbox"/> 55p</p> <p><input type="checkbox"/> 10p</p> <p>This is the only one of the options which can be made using only 3 coins</p>
<p>9. 20p + 20p + 20p + 20p is the same as...</p> <p><input checked="" type="checkbox"/> 50p + 10p + 10p + 10p</p> <p><input type="checkbox"/> 50p + 20p + 20p</p> <p><input type="checkbox"/> 20p + 20p + 20p + 5p + 5p</p> <p><input type="checkbox"/> 10p + 10p + 10p + 10p + 10p + 5p + 5p</p> <p>Both sets of coins make 80p</p>	<p>10. I need 75p to buy a drink. Which coins could I use to make the exact amount?</p> <p><input type="checkbox"/> 50p + 50p + 5p</p> <p><input type="checkbox"/> 20p + 20p + 10p + 20p + 10p</p> <p><input type="checkbox"/> 10p + 20p + 50p</p> <p><input checked="" type="checkbox"/> 50p + 20p + 5p</p> <p>There are other ways to make 75p but this way uses the fewest coins</p>