

Max the Monkey's Market Maths

Learning objective: To recognise and write decimal equivalents of any number of tenths or hundredths.

Max the Monkey is helping at the local woodland market. Use your knowledge of decimals to help Max calculate the costs of his fruit and solve the puzzles below. Remember that 10 tenths make a whole, and 100 hundredths make a whole.

Max the Monkey has set up his stall. He is selling shiny red apples for £0.60 each and golden bananas for £0.45 each. Max knows that money is just like decimals! He explains that £0.60 is the same as 6 tenths of a pound, or 60 hundredths of a pound. Max loves to sort his fruit into bundles to make counting easier for his friends in the forest.

Word bank: decimal · tenth · hundredth · place value · fraction · equivalent

1. Max sells a pear for 0.7 of a pound. Write this as an amount of money using the £ sign. (1 mark)

2. If Max has 35 hundredths of a pound, how would you write this as a decimal? (1 mark)

3. Compare these two amounts using the greater than (>) or less than (<) symbols: £0.48 and £0.84. Explain how you know which is larger. (2 marks)

4. Max has 0.9 of a basket of strawberries. How many more tenths does he need to make a whole basket? (1 mark)

5. Write 0.09 as a fraction with a denominator of 100. (1 mark)

Draw: Draw a ten-by-ten grid and shade in 0.42 to show how Max represents 42 hundredths of a basket.



Extension challenge: Max has £1.00. He buys a bag of nuts for £0.25 and a box of berries for £0.55. How much change does he have left? Write your answer as a decimal.