

Max's Magnificent Decimal Dash

Learning objective: To recognise, write, and compare decimals with tenths and hundredths as part of the Year 4 Maths curriculum.

Help Max the monkey solve his decimal puzzles! Read each question carefully. Some require a choice, some are True or False, and others need a quick answer. Good luck!

Answer Key: 1. B (0.7); 2. True; 3. 0.05; 4. B (0.42); 5. False (0.6 is larger than 0.28); 6. 0.8; 7. C (1.5); 8. True; 9. 0.1; 10. 1.25. (Each question is worth 1 mark).

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

1. 1. Max has 7 out of 10 bananas. How is this written as a decimal? A) 0.07 B) 0.7* C) 7.0 D) 0.007 (1 mark)

2. 2. True or False: 0.5 is the same as 5 tenths. (1 mark)

3. 3. If you divide 1 by 100, what is the decimal value of one part? (1 mark)

4. 4. Which is the correct way to write forty-two hundredths? A) 4.2 B) 0.42* C) 0.042 D) 42.0 (1 mark)

5. 5. True or False: 0.28 is larger than 0.6. (1 mark)

6. 6. Write eight tenths as a decimal. (1 mark)

7. 7. Max found £1.50 in his pocket. Which decimal represents this amount? A) 1.05 B) 0.15 C) 1.5* D) 15.0 (1 mark)

8. 8. True or False: A decimal point separates the whole numbers from the tenths and hundredths. (1 mark)

9. 9. What is the value of the digit 1 in the number 0.19? (1 mark)

10. 10. If you have 1 whole and 25 hundredths, how do you write this as a decimal? (1 mark)

Draw: Draw a picture of Max the monkey sitting under a tree holding a basket of fruit. Label the basket with a decimal number to show how much of the fruit he has eaten!



Extension challenge: Max has £2.00. He buys a snack for £1.35. How much change does he get? Write your answer as a decimal.