

Max's Magnificent Mental Maths Challenge

Learning objective: To improve mental arithmetic fluency, including addition, subtraction, multiplication, and division, suitable for Year 5 expectations.

Max the monkey has hidden some maths puzzles around the jungle. Read each question carefully and solve it using your mental maths skills. You don't need a calculator, just your clever brain!

Answer Key: 1. B (1,500); 2. True; 3. 600; 4. A (8); 5. False (it is 3,450); 6. 18; 7. C (540); 8. True; 9. 48; 10. £4.50. Max hopes you enjoyed the challenge!

Word bank: Product · Difference · Sum · Quotient · Mental · Calculation · Multiple

1. 1. What is the sum of 700 and 800? A) 1,400 B) 1,500* C) 1,600 D) 1,510 (1 mark)

2. 2. True or False: The product of 6 and 7 is 42. (1 mark)

3. 3. If you have 3,000 and you subtract 2,400, what is the difference? (1 mark)

4. 4. What is 56 divided by 7? A) 8* B) 7 C) 9 D) 6 (1 mark)

5. 5. True or False: 3,500 minus 150 equals 3,300. (1 mark)

6. 6. What is the value of 3×6 ? (1 mark)

7. 7. Calculate 90×6 : A) 500 B) 560 C) 540* D) 450 (1 mark)

8. 8. True or False: 1,200 divided by 10 is 120. (1 mark)

9. 9. What is 4×12 ? (1 mark)

10. 10. Max buys three bananas for £1.50 each. How much does he spend in total? (1 mark)

Draw: Draw Max the monkey sitting on a branch holding a chalkboard with a complicated-looking maths equation written on it.



Extension challenge: Create your own mental maths puzzle for a friend. Make sure it involves a calculation with at least three digits!