

Max the Monkey's Division Dash

Learning objective: To recall and use division facts for the 3, 4, 6, 8, 11 and 12 multiplication tables and solve problems involving division with remainders.

Help Max the Monkey solve these maths puzzles! Read each question carefully and write your answer clearly. Some questions have multiple choices; pick the correct one.

Answer Key: 1) B (8), 2) True, 3) 7, 4) C (12), 5) False, 6) 6 remainder 2, 7) 5, 8) A (4), 9) 32, 10) True.
Remember: A remainder is the amount left over when a number cannot be divided exactly.

Word bank: Quotient · Remainder · Dividend · Divisor · Array · Divide

1. Max has 32 bananas to share equally among 4 monkey friends. How many bananas does each friend get? A) 6, B) 8*, C) 9, D) 7 (1 mark)

2. True or False: 48 divided by 8 equals 6. (1 mark)

3. What is $42 \div 6$? (1 mark)

4. If you have £36 and share it equally between 3 people, how much does each person receive? A) £10, B) £11, C) £12*, D) £13 (1 mark)

5. True or False: 25 divided by 4 equals 6 remainder 2. (1 mark)

6. Work out $38 \div 6$. Write your answer as a number with a remainder. (1 mark)

7. A baker has 45 cakes. He puts them into boxes of 9. How many boxes does he fill? (1 mark)

8. Which of these is the correct way to write 20 shared by 5? A) $20 \div 5^*$, B) $5 \div 20$, C) 20×5 , D) $20 + 5$ (1 mark)

9. If $8 \times 4 = 32$, what is $32 \div 8$? (1 mark)

10. True or False: When dividing an odd number by 2, you will always have a remainder of 1. (1 mark)

Draw: Draw Max the Monkey sharing 12 apples equally into 3 baskets. How many apples are in each basket?



Extension challenge: Max finds a pile of 53 shiny pebbles. He wants to put them into bags of 8. How many full bags can he make, and how many pebbles will be left over?