Test answers - 3, 4 and 8 times tables

Year: Year 3 · Duration: 30 minutes · /20

Answer to Question 1 (4 marks)

a. Count in 3s seven times: 3, 6, 9, 12, 15, 18, 21. So 3 × 7 = **21**. (1 mark)
b. Use 10 × 4 = 40 and take away one 4: 40 − 4 = **36**. So 4 × 9 = 36. (1 mark)
c. 8 × 6 is double 4 × 6. 4 × 6 = 24, and double 24 is **48**. (1 mark)
d. 12 × 4: 10 × 4 = 40 and 2 × 4 = 8, so 40 + 8 = **48**. (1 mark)

Answer to Question 2 (4 marks)

a. Which number times 3 makes 24? 8 × 3 = 24, so 24 ÷ 3 = **8**. (1 mark)
b. Halve 32 to get 16, and halve again to get **8**. Dividing by 4 is halving twice. (1 mark)
c. Which number times 8 makes 72? 9 × 8 = 72, so 72 ÷ 8 = **9**. (1 mark)
d. Share 40 biscuits between 8 children: 5 × 8 = 40, so each child gets **5** biscuits. (1 mark)

Answer to Question 3 (4 marks)

a. Double 7 is 14. Double 14 is **28**. Doubling twice multiplies by 4, so 4 × 7 = 28. (2 marks: 1 for 14, 1 for 28)
b. 8 is double 4, so 8 × 8 is double 4 × 8. Double 32: 30 doubled is 60 and 2 doubled is 4, so 8 × 8 = **64**. (2 marks: 1 for doubling 32, 1 for 64)

Answer to Question 4 (4 marks)

a. Which number times 8 is 56? 7 × 8 = 56, so the missing number is **7**. (1 mark)
b. 3 times which number is 27? Count in 3s: 27 is the 9th number, so the missing number is **9**. (1 mark)
c. A number divided by 4 gives 7, so the number is 7 × 4 = **28**. Check: 28 ÷ 4 = 7. (1 mark)
d. 48 divided into groups of what size gives 6 groups? 6 × 8 = 48, so the missing number is **8**. (1 mark)

Answer to Question 5 (4 marks)

a. Each car costs £4: 3 × £4 = **£12**. (1 mark)
b. Each puzzle costs £8: 2 × £8 = **£16**. (1 mark)

c. Each teddy bear costs £3: 5 × £3 = **£15**. (1 mark)
d. Add the costs: £12 + £16 = £28, then £28 + £15 = **£43**. From £50, count on from 43 to 50: Mia gets **£7** change. (1 mark)