

KS2 SATs Mathematics Practice Paper 2

Time allowed: 60 minutes

Total Marks: 50

Instructions

- Answer all questions.
 - Show your working where appropriate.
 - Calculators are not allowed.
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Section A: Arithmetic (25 Marks)

1. $7,593 + 2,418 = \underline{\hspace{2cm}}$ (1)
2. $8,000 - 3,856 = \underline{\hspace{2cm}}$ (1)
3. $56 \times 7 = \underline{\hspace{2cm}}$ (1)
4. $735 \div 5 = \underline{\hspace{2cm}}$ (1)
5. $250 \times 3 = \underline{\hspace{2cm}}$ (1)
6. $9,284 + 817 = \underline{\hspace{2cm}}$ (1)
7. $2,000 - 946 = \underline{\hspace{2cm}}$ (1)
8. $48 \times 19 = \underline{\hspace{2cm}}$ (2)
9. $1,008 \div 12 = \underline{\hspace{2cm}}$ (2)
10. $8^2 = \underline{\hspace{2cm}}$ (1)
11. $3^3 = \underline{\hspace{2cm}}$ (1)
12. $5.4 + 2.89 = \underline{\hspace{2cm}}$ (1)
13. $9.7 - 4.35 = \underline{\hspace{2cm}}$ (1)
14. $0.9 \times 100 = \underline{\hspace{2cm}}$ (1)
15. $6.4 \div 10 = \underline{\hspace{2cm}}$ (1)
16. $2/5 + 1/5 = \underline{\hspace{2cm}}$ (1)
17. $7/10 - 3/10 = \underline{\hspace{2cm}}$ (1)
18. Find 50% of 340. $\underline{\hspace{2cm}}$ (1)
19. Find 20% of 150. $\underline{\hspace{2cm}}$ (1)
20. Find $2/3$ of 90. $\underline{\hspace{2cm}}$ (1)
21. Round 5,462 to the nearest thousand. $\underline{\hspace{2cm}}$ (1)
22. Round 8.76 to one decimal place. $\underline{\hspace{2cm}}$ (1)
23. $14 \times 16 = \underline{\hspace{2cm}}$ (2)
24. $4.25 + 1.8 = \underline{\hspace{2cm}}$ (1)
25. $2,184 \div 8 = \underline{\hspace{2cm}}$ (1)

Section B: Reasoning (25 Marks)

26. A baker makes 36 trays of cupcakes. Each tray holds 15 cupcakes.
How many cupcakes does the baker make altogether? (2)

Answer: _____

27. A football match starts at 2:15 pm and finishes at 4:05 pm.
How long does it last? (2)

Answer: _____

28. A rectangle is 12 cm long and 8 cm wide.
Find its perimeter. (2)

Answer: _____

29. A square has sides measuring 11 cm.
What is its perimeter? (1)

Answer: _____

30. Olivia has £30.
She spends £12.40 on a book and £5.75 on a game.
How much money does she have left? (2)

Answer: _____

31. Complete the sequence:
100, 90, 80, 70, ____, ____ (2)

32. A box contains 60 chocolates.
Tom eats $\frac{1}{5}$ of them.
How many chocolates does he eat? (2)

Answer: _____

33. Find the mean of:
8, 12, 16, 20, 24 (2)

Answer: _____

34. A jug contains 1.5 litres of juice.
How much juice is in 6 jugs? (2)

Answer: _____

35. A coach carries 48 passengers.
How many passengers can 7 coaches carry? (2)

Answer: _____

36. A triangle has three equal sides.
What is it called? (1)

Answer: _____

37. There are 40 pupils in Year 6.
3/10 of them bring packed lunches.
How many pupils bring packed lunches? (2)

Answer: _____

38. A car travels 45 miles in one hour.
How far does it travel in 4 hours? (2)

Answer: _____

39. A bag contains:
Red = 4
Blue = 5
Green = 1
What is the probability of picking a green counter?
Give your answer as a fraction. (2)

Answer: _____

40. A shop has 96 footballs.
It sells 1/4 of them.
How many footballs remain? (4)

Answer: _____

Answers – Section A: Arithmetic (25 Marks)

1. 10,011
2. 4,144
3. 392
4. 147
5. 750
6. 10,101
7. 1,054
8. 912
9. 84
- 10.64
- 11.27
- 12.8.29
- 13.5.35
- 14.90
- 15.0.64
- 16.3/5
- 17.4/10 (or 2/5)
- 18.170
- 19.30
- 20.60
- 21.5,000
- 22.8.8
- 23.224
- 24.6.05
- 25.273

Arithmetic Total: 25 Marks

Answers – Section B: Reasoning (25 Marks)

26. $36 \times 15 = 540$ cupcakes (2)
27. 2:15 pm to 4:05 pm = **1 hour 50 minutes** (2)
28. Perimeter = $12 + 8 + 12 + 8 = 40$ cm (2)
29. $11 \times 4 = 44$ cm (1)
30. $\pounds 30 - \pounds 12.40 - \pounds 5.75 = \pounds 11.85$ (2)
31. **60, 50** (2)
32. $1/5$ of 60 = **12 chocolates** (2)

33. $(8 + 12 + 16 + 20 + 24) \div 5 = \mathbf{16}$ (2)

34. $1.5 \times 6 = \mathbf{9}$ litres (2)

35. $48 \times 7 = \mathbf{336}$ passengers (2)

36. **Equilateral triangle** (1)

37. $3/10$ of 40 = **12 pupils** (2)

38. $45 \times 4 = \mathbf{180}$ miles (2)

39. Total counters = 10

Probability of green = **1/10** (2)

40. $1/4$ of 96 = 24 sold

$96 - 24 = \mathbf{72}$ footballs remain (4)

Reasoning Total: 25 Marks
