

## KS2 SATs Mathematics Practice Paper

**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.  $6,482 + 3,759 = \underline{\hspace{2cm}}$  (1)
2.  $9,000 - 5,678 = \underline{\hspace{2cm}}$  (1)
3.  $47 \times 8 = \underline{\hspace{2cm}}$  (1)
4.  $96 \div 6 = \underline{\hspace{2cm}}$  (1)
5.  $125 \times 4 = \underline{\hspace{2cm}}$  (1)
6.  $8,346 + 1,995 = \underline{\hspace{2cm}}$  (1)
7.  $1,000 - 437 = \underline{\hspace{2cm}}$  (1)
8.  $34 \times 26 = \underline{\hspace{2cm}}$  (2)
9.  $864 \div 9 = \underline{\hspace{2cm}}$  (1)
10.  $7^2 = \underline{\hspace{2cm}}$  (1)
11.  $4^3 = \underline{\hspace{2cm}}$  (1)
12.  $2.5 + 3.78 = \underline{\hspace{2cm}}$  (1)
13.  $7.4 - 2.85 = \underline{\hspace{2cm}}$  (1)
14.  $0.6 \times 10 = \underline{\hspace{2cm}}$  (1)
15.  $4.8 \div 10 = \underline{\hspace{2cm}}$  (1)
16.  $3/8 + 1/8 = \underline{\hspace{2cm}}$  (1)
17.  $5/6 - 1/6 = \underline{\hspace{2cm}}$  (1)
18. Find 25% of 120.  $\underline{\hspace{2cm}}$  (1)
19. Find 10% of 450.  $\underline{\hspace{2cm}}$  (1)

20. Find  $\frac{3}{4}$  of 80. \_\_\_\_\_ (1)

21. Round 8,746 to the nearest hundred. \_\_\_\_\_ (1)

22. Round 4.67 to one decimal place. \_\_\_\_\_ (1)

23.  $12 \times 15 =$  \_\_\_\_\_ (2)

24.  $1.25 + 2.6 =$  \_\_\_\_\_ (1)

25.  $3,456 \div 12 =$  \_\_\_\_\_ (2)

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**Section B: Reasoning (25 Marks)**

26. A school orders 18 boxes of pencils. Each box contains 24 pencils.  
How many pencils are ordered altogether? (2)

Answer: \_\_\_\_\_

27. A coach leaves at 09:45 and arrives at 12:20.  
How long is the journey? (2)

Answer: \_\_\_\_\_

28. A rectangle has a length of 14 cm and a width of 9 cm.  
What is its area? (1)

Answer: \_\_\_\_\_

29. The perimeter of a square is 36 cm.  
What is the length of one side? (2)

Answer: \_\_\_\_\_

30. Sam buys a football for £14.75 and a drink for £1.85.  
He pays with a £20 note.  
How much change should he receive? (2)

Answer: \_\_\_\_\_

31. Complete the sequence:  
4, 9, 14, 19, \_\_\_\_, \_\_\_\_ (2)

32. A packet contains 48 stickers.  
Lily gives  $\frac{1}{4}$  of them to her friend.  
How many stickers does she give away? (2)

Answer: \_\_\_\_\_

33. The numbers are:

12, 15, 18, 21, 24

Find the mean (average). (2)

Answer: \_\_\_\_\_

34. A water bottle holds 750 ml.

How much water is there in 4 bottles? Give your answer in litres. (2)

Answer: \_\_\_\_\_

35. A cinema ticket costs £7.50.

How much do 6 tickets cost? (2)

Answer: \_\_\_\_\_

36. A shape has angles of  $90^\circ$ ,  $45^\circ$  and  $45^\circ$ .

What is the name of the shape? (1)

Answer: \_\_\_\_\_

37. There are 32 children in a class.  
3/8 of them wear glasses.  
How many children wear glasses? (2)

Answer: \_\_\_\_\_

38. A train travels 60 miles in 1 hour.  
How far will it travel in 3.5 hours? (2)

Answer: \_\_\_\_\_

39. A bag contains red, blue and green counters.

Red = 5

Blue = 3

Green = 2

What is the probability of picking a blue counter?  
Give your answer as a fraction. (2)

Answer: \_\_\_\_\_

40. A farmer has 84 sheep.  
He sells  $\frac{1}{7}$  of them.  
How many sheep does he have left? (3)

Answer: \_\_\_\_\_

## Answer Sheet

1. 10,241
2. 3,322
3. 376
4. 16
5. 500
6. 10,341
7. 563
8. 884
9. 96
10. 49
11. 64
12. 6.28
13. 4.55
14. 6
15. 0.48
16.  $\frac{4}{8}$  or  $\frac{1}{2}$
17.  $\frac{4}{6}$  or  $\frac{2}{3}$
18. 30
19. 45
20. 60
21. 8,700
22. 4.7
23. 180
24. 3.85
25. 288
26. 432
27. 2 hours 35 minutes

28.  $126 \text{ cm}^2$

29. 9 cm

30. £3.40

31. 24, 29

32. 12

33. 18

34. 3 litres

35. £45

36. Right-angled isosceles triangle

37. 12

38. 210 miles

39.  $\frac{3}{10}$

40. 72 sheep

**Total: 50 Marks**