



7 Plus Examination

Paper 8

Maths

Total marks: [40]

Time allowed: [45]

You have 45 minutes.

There are 40 marks available. Try to answer all the questions. Remember to show your working out.

Each question is worth one mark unless otherwise stated.

No calculators are allowed.

Full name _____

Section One: Calculations (10 marks)

1. Write these numbers in order of size going up from smallest to largest.

97 109 3 962 14

2. Write the number one hundred and one in digits.

3. Which of these numbers are ODD? Circle the right answers.

1 82 7 13 100

4. What is half of 22?

5. Complete these sums:

a) $6 + \underline{\quad\quad} = 17$

b) $18 - 10 = \underline{\quad\quad}$

c) $3 \times \underline{\quad\quad} = 18$

d) $80 - \underline{\quad\quad} = 60$

6. What is double 5?

7. $90 \div 10 =$

Section Two: Word Problems (20 marks)

8. Sonja has eight dolls and Ethan has five dolls. How many dolls do they have altogether?

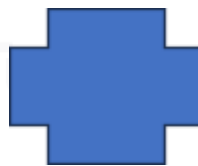
9. What unit would you use to weigh or measure each item?

Choose from: kg (kilograms), g (grams), l (litres) or ml (millilitres)

- a) a table
- b) a notebook
- c) a can of fizzy drink
- d) a bucket

10. Erisha has ten chocolate biscuits. She gives four to her friend Sasha. How many does she have left?

11. Which of these shapes are pentagons? Choose two (2 marks).

**a****b****c****d**

12. Write the next numbers in these sequences (2 marks each):

a) 2, 4, 6, _____, _____

b) 50, 40, 30, _____, _____

c) 41, 43, 45, _____, _____

d) 101, 97, 93, _____, _____

13. Skye goes to a cafe.

a. She buys a drink for £1.20 and a cake for £1.50. How much does she spend altogether?

b. Skye pays with a £5 note. How much change does she receive?

c. Skye wants to get the bus home. It costs £1. Has she got enough money left to pay for her ticket?

14. Khadijah cut a piece of ribbon into three pieces. They measured 3cm, 12cm and 8cm each.

How long was the piece of ribbon before Khadijah cut it?

Section 3: Reasoning (10 marks)

5

15. Andrew wants to put some carpet in his hallway. His carpet is 6m long and 3m wide. His hallway is 20cm^2 . Will he have enough carpet? Explain your answer. (2 marks)

16. I have three shapes. One shape has five sides. One shape has six sides. One shape has three sides.

Name three shapes they could be. (3 marks)

17. My numbers machine takes in numbers and halves them, then subtracts 2.

What number will come out if I put in

- a) 14
- b) 10
- c) 40

What number did I put in if the following numbers come out

- d) 20
- e) 6

Total marks: 40

ANSWERS

1. 3, 14, 97, 109, 962
2. 101
3. 1, 7, 13
4. 11
5. a) 11 b) 8 c) 6 d) 20
6. 10
7. 9
8. 13
9. a) kg b) g c) ml d) l
10. 6
11. a and b
12. a) 8,10 b) 20, 10 c) 47, 49 d) 89, 85
13. a) £2.70 b) £2.30 c) yes
14. 23cm
15. No – he only has $3 \times 6 = 18\text{cm}^2$
16. pentagon, hexagon, triangle
17. a) 5 b) 3 c) 18 d) 44 e) 16