7 + Entrance Examination

Paper 8

Numeracy / Maths

Total marks: 40

Time allowed: 45 minutes

Full name .....

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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 + _____ = 17

b) 18 – 10 = _____

c) 3 x ____ = 18

d) 80 - ____ = 60

6. What is double 5?

_____

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7.

90 ÷ 10 = _____

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

_____

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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? Circle two.



a



b



c



d

12. Write the next numbers in these sequences:

a) 2, 4, 6, ____, ____

b) 50, 40, 30, ____, _____

c) 41, 43, 45, _____, _____

d) 101, 97, 93, _____, _____

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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?

_____

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

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.

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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

_____

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7 + Entrance Examination - Maths Sample paper - Numeracy Mark Scheme

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 x 6 = 18cm2
16. pentagon, hexagon, triangle
17. a) 5 b) 3 c) 18 d) 44 e) 16

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