

11+ Maths Practice Paper

Year 4 · Foundation

Lesson 1.2: Advanced place value and decimal columns

Read this with your child:

1. This paper has **20 questions** in two parts. Work through them in order. The questions get harder as you go.
2. **Part 1** is multiple choice. Choose **one** answer, A, B, C, D or E, and mark it on the separate answer sheet by drawing a firm line through the box next to its letter. If you change your mind, rub the line out completely and mark your new answer.
3. **Part 2** asks you to write your answer. Write it in the boxes on the answer sheet, **one digit in each box**, starting from the left.
4. If a question is hard, leave it and come back to it at the end.
5. You may use rough paper for working out. You may **not** use a calculator.
6. Suggested time: **25 minutes**.

The answer sheet is after the questions. The answers, with a short explanation of each, are at the back for a parent to mark with.

These are original practice questions written by Elite Learners in the style of 11+ entrance tests. They are not produced by, or connected with, GL Assessment or Cambridge University Press & Assessment (CEM).

Example

Look at the number 4.7.

What is the value of the 7?

A 70

B 7

C 0.7

D 0.07

E 7.4

Answer: C The 7 is in the tenths column, so it is worth 7 tenths: 0.7.

The answer, C, has already been marked on your answer sheet.

Now turn over and start Part 1.

Part 1: Multiple choice

1

Look at the number 3.6.

What is the value of the 6?

A 60

B 6

C 0.6

D 0.06

E 3.6

2

Which decimal is the same as 4 tenths?

A 4.0

B 0.4

C 0.04

D 40

E 1.4

3

Which number has a 5 in the hundredths column?

A 3.5

B 3.52

C 5.32

D 3.25

E 35.2

4

Look at the number 5.28.

Which digit is in the hundredths column?

A 8

B 5

C 2

D 0

E 28

5

What is $35 \div 10$?

A 30.5

B 350

C 0.35

D 3.05

E 3.5

6

Which number is two point four one?

A 24.1

B 2.14

C 2.41

D 2.041

E 0.241

7

How many tenths make 1 whole?

A 10

B 1

C 100

D 1000

E 0.1

8

Which is the biggest?

A 0.1

B 0.6

C 0.3

D 0.9

E 0.5

9

What is $8 \div 100$?

- A** 0.8 **B** 0.08 **C** 800 **D** 0.008 **E** 80
-

10

A pencil costs £0.45.

What is the 4 worth?

- A** 400p **B** 4p **C** £4 **D** 45p **E** 40p
-

11

Which is the smallest?

- A** 4.22 **B** 4.25 **C** 4.52 **D** 4.21 **E** 4.55
-

12

Which number is three and nine hundredths?

- A** 3.09 **B** 3.9 **C** 39 **D** 3.009 **E** 3.90
-

13

What is $64 \div 100$?

- A** 640 **B** 6.4 **C** 0.64 **D** 0.064 **E** 6,400
-

14

Which of these is true?

- A** $1.9 < 1.09$ **B** $0.5 > 0.7$ **C** $2.31 < 2.13$ **D** $0.08 > 0.8$ **E** $6.4 > 6.04$
-

15

A cake is cut into 10 equal pieces. Sam eats 3 pieces.

What decimal of the cake is left?

- A** 0.3 **B** 0.7 **C** 7 **D** 0.07 **E** 3.7

Part 2: Write your answer

16

How many tenths is 0.7?

Write your answer in the boxes on the answer sheet, one digit in each box.

17

How many tenths make 2 wholes?

Write your answer in the boxes on the answer sheet, one digit in each box.

18

How many hundredths make 1 whole?

Write your answer in the boxes on the answer sheet, one digit in each box.

19

? $\div$ 10 = 5.3. What is the missing number?

Write your answer in the boxes on the answer sheet, one digit in each box.

20

How many pennies are there in £3.45?

Write your answer in the boxes on the answer sheet, one digit in each box.

Answer sheet

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Name

Draw a firm line through the box next to your answer, like the example.

Part 1: Multiple choice

Ex	A ☐	B ☐	C ☒	D ☐	E ☐
1	A ☐	B ☐	C ☐	D ☐	E ☐
2	A ☐	B ☐	C ☐	D ☐	E ☐
3	A ☐	B ☐	C ☐	D ☐	E ☐
4	A ☐	B ☐	C ☐	D ☐	E ☐
5	A ☐	B ☐	C ☐	D ☐	E ☐
6	A ☐	B ☐	C ☐	D ☐	E ☐
7	A ☐	B ☐	C ☐	D ☐	E ☐
8	A ☐	B ☐	C ☐	D ☐	E ☐
9	A ☐	B ☐	C ☐	D ☐	E ☐
10	A ☐	B ☐	C ☐	D ☐	E ☐
11	A ☐	B ☐	C ☐	D ☐	E ☐
12	A ☐	B ☐	C ☐	D ☐	E ☐
13	A ☐	B ☐	C ☐	D ☐	E ☐
14	A ☐	B ☐	C ☐	D ☐	E ☐
15	A ☐	B ☐	C ☐	D ☐	E ☐

Part 2: Write your answer, one digit in each box

16	
17	
18	
19	
20	

Answers

For a parent to mark with. One mark for each question: the paper is out of 20. Talk through any your child got wrong, using the explanation.

Q	Answer	How to get it
1	C 0.6	The 6 is in the tenths column, so it is worth 6 tenths: 0.6.
2	B 0.4	Tenths are the first column after the point, so 4 tenths is 0.4.
3	D 3.25	In 3.25 the digits after the point are 2 tenths and 5 hundredths.
4	A 8	After the point come the tenths (2), then the hundredths (8).
5	E 3.5	Dividing by 10 moves every digit one place to the right: 3.5.
6	C 2.41	Say the whole number, then "point", then each digit on its own: 2.41.
7	A 10	Cut 1 whole into 10 equal parts: each part is 1 tenth.
8	D 0.9	All have 0 ones. Compare the tenths: 9 tenths is the most.
9	B 0.08	Dividing by 100 moves the 8 two places right, into the hundredths: 0.08.
10	E 40p	The 4 is in the tenths column. A tenth of £1 is 10p, so 4 tenths is 40p.
11	D 4.21	The ones match. Compare the tenths, then the hundredths: 4.21 is smallest.
12	A 3.09	The 9 goes in the hundredths column, and the empty tenths column gets a 0.
13	C 0.64	Dividing by 100 moves every digit two places to the right: 0.64.
14	E $6.4 > 6.04$	Fill the gap: 6.40 and 6.04. In the tenths, 4 is more than 0.
15	B 0.7	7 of the 10 pieces are left: 7 tenths, which is 0.7.
16	7	The 7 is in the tenths column: 7 tenths.
17	20	10 tenths make 1 whole, so 20 tenths make 2 wholes.
18	100	1 whole is 10 tenths, and each tenth is 10 hundredths: 100.
19	53	Do the opposite: $5.3 \times 10 = 53$.
20	345	£1 is 100p, so £3.45 is 300p + 45p = 345p.

Score: out of 20