

11+ Maths Practice Paper

Year 4 · Foundation

Lesson 1.3: Rounding strategies

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

Round 47 to the nearest 10.

A 47

B 40

C 50

D 45

E 100

Answer: C The decider is the ones digit, 7. That is 5 or more, so round up to 50.

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

Now turn over and start Part 1.

Part 1: Multiple choice

1

Round 63 to the nearest 10.

A 65

B 70

C 63

D 60

E 100

2

Round 248 to the nearest 10.

A 240

B 250

C 200

D 300

E 248

3

Round 735 to the nearest 100.

A 735

B 800

C 740

D 730

E 700

4

Round 85 to the nearest 10.

A 85

B 80

C 90

D 100

E 95

5

Round 4.7 to the nearest whole number.

A 5

B 4

C 4.7

D 47

E 4.5

6

Round 1,350 to the nearest 100.

A 1,000

B 1,300

C 1,400

D 1,350

E 1,500

7

Round 6,847 to the nearest 100.

A 6,840

B 6,900

C 6,850

D 7,000

E 6,800

8

Round 3,912 to the nearest 1000.

A 3,000

B 4,000

C 3,900

D 3,910

E 5,000

9

Which number rounds to 60 to the nearest 10?

- A 66 B 54 C 65 D 57 E 50
-

10

Round 12.3 to the nearest whole number.

- A 12 B 13 C 12.3 D 10 E 123
-

11

Round 2,950 to the nearest 100.

- A 3,100 B 2,900 C 2,960 D 2,000 E 3,000
-

12

A school has 487 pupils.

What is 487 rounded to the nearest 100?

- A 480 B 400 C 490 D 500 E 487
-

13

Which number does NOT round to 300 to the nearest 100?

- A 349 B 350 C 251 D 299 E 305
-

14

Round 9,099 to the nearest 1000.

- A 9,100 B 10,000 C 9,000 D 9,099 E 9,990
-

15

Round 19.6 to the nearest whole number.

- A 20 B 19 C 19.6 D 10 E 21

Part 2: Write your answer

16

Round 74 to the nearest 10.

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

17

Round 562 to the nearest 100.

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

18

Round 8,489 to the nearest 1000.

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

19

Round 995 to the nearest 10.

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

20

What is the smallest whole number that rounds to 50 to the nearest 10?

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	D 60	The decider is 3, which is 4 or less, so round down to 60.
2	B 250	The tens digit is 4. The decider is 8, so round up: 250.
3	E 700	The decider is the tens digit, 3, so round down: 700.
4	C 90	85 is exactly halfway between 80 and 90. Halfway rounds up: 90.
5	A 5	The decider is the tenths digit, 7, so round up: 5.
6	C 1,400	1,350 is halfway between 1,300 and 1,400. Halfway rounds up: 1,400.
7	E 6,800	The hundreds digit is 8. The decider is 4, so round down: 6,800.
8	B 4,000	The decider is the hundreds digit, 9, so round up: 4,000.
9	D 57	57 rounds up to 60. 54 rounds to 50, and 65 and 66 round to 70.
10	A 12	The decider is 3, so round down: 12.
11	E 3,000	Halfway rounds up. 9 hundreds plus 1 hundred is 10 hundreds, so 2,950 becomes 3,000.
12	D 500	The decider is the tens digit, 8, so round up: 500.
13	B 350	350 is halfway, so it rounds up to 400. All the others round to 300.
14	C 9,000	The decider is the hundreds digit, 0, so round down: 9,000.
15	A 20	The decider is 6, so round up. $19 + 1 = 20$.
16	70	The decider is 4, so round down: 70.
17	600	The decider is the tens digit, 6, so round up: 600.
18	8,000	The decider is the hundreds digit, 4, so round down: 8,000.
19	1,000	The decider is 5, so round up. 99 tens plus 1 ten is 100 tens: 1,000.
20	45	45 is halfway between 40 and 50, and halfway rounds up to 50. 44 would round down to 40.

Score: out of 20