

Year 6 Rounding

Q1. Ali puts these five numbers in their correct places on a number line.

511 499 502 555 455

Write the number **closest** to 500

1 mark

Write the number **furthest** from 500

1 mark

Q2. Circle the number that is closest to 300.

338 3030 288 313 130

1 mark

Q3. Circle the number closest to 100

70 120 85 111 909

1 mark

Q4. Amy chooses two of these cards.

11	23	33	43
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She adds the numbers on her two cards together.
She rounds the result to the nearest 10

Her answer is 60

Which two cards did Amy choose?

	and	
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Q5.

Complete the table.

	Round 39,476
to the nearest 10,000	
to the nearest 1,000	
to the nearest 100	

2 marks

Q6.

3,576,219

Which digit is in the **ten thousands** place?

1 mark

Round 3,576,219 to the **nearest million**.

1 mark

Q7.

Round 84,516

to the nearest 10

to the nearest 100

to the nearest 1,000

2 marks

Q8. Write in the missing numbers.

Number	Rounded to the nearest whole number
5.05	
5.55	
4.45	
4.54	

2 marks

Q9. Complete this table to show the numbers rounded to the **nearest 100**.

One has been done for you.

	rounded to the nearest hundred
316	300
3162	
31628	
316281	

2 marks

Q10. Write in the missing numbers.

One has been done for you.

	rounded to the nearest whole number is	
	→	
6.01	→	6
9.51	→	
7.75	→	

1 mark

Q11.

Round these numbers to one decimal place.

One has been done for you.

Number	To nearest one decimal place
12.72	12.7
10.16	
672.09	
24.81	

2 marks

Q12.

Complete this table by rounding the numbers to the **nearest hundred**.

	Rounded to the nearest hundred
20,906	
2,090.6	
209.06	

2 marks

Q13.

Round **124,531**

to the nearest 10,000

to the nearest 1,000

to the nearest 100

2 marks

Q14.

The **difference** between two numbers is 2

When each number is rounded to the nearest hundred, the difference between them is 100

Write what the two numbers could be.

and

1 mark

Q15.

Here are four digit cards.

9

4

1

2

Use each digit card **once** to make the decimal number **nearest to 20**

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1 mark

Q16.

A newspaper reported,

'6 million people (to the nearest million) watched a football match on television.'

What is the smallest number of people that could have watched the football match on television?

1 mark

Q17.

Circle the number **closest** in value to **0.1**

0.01

0.05

0.11

0.2

0.9

1 mark

Q18.

The table shows the total attendance figures for 3 baseball stadiums.
Round each number to the nearest ten thousand

Stadium	Total attendance	Total attendance, rounded to nearest ten thousand
Dodger Stadium	3,703,312	
Angel Stadium	3,016,142	
Fenway Park	2,955,434	

2 marks

Q19.

Jack is rounding to the nearest **hundred thousand**.
Write the **smallest** whole number that he can round to 3,400,000

1 mark

Grace is rounding to the nearest **hundred thousand**.
Write the **largest** whole number that he can round to 3,400,000

1 mark