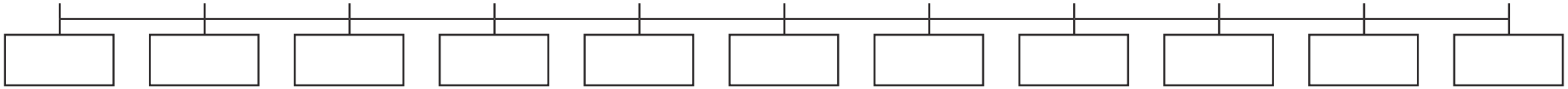
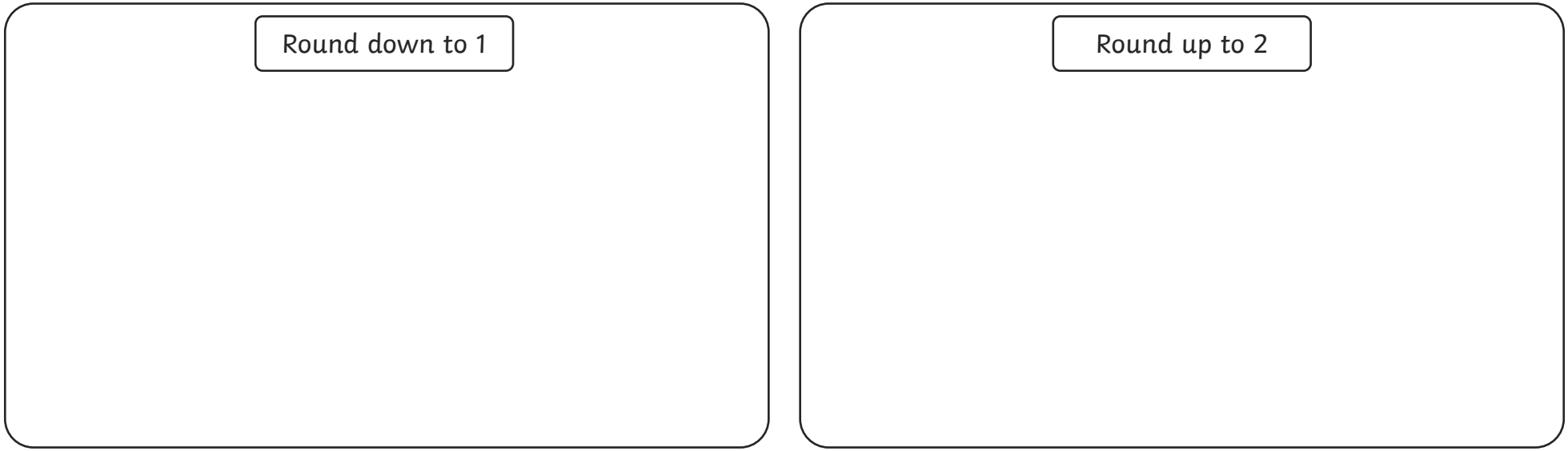
Round Decimals

To round decimals to the nearest multiple of 1.

1) Write the numbers below in the correct boxes under the number line.



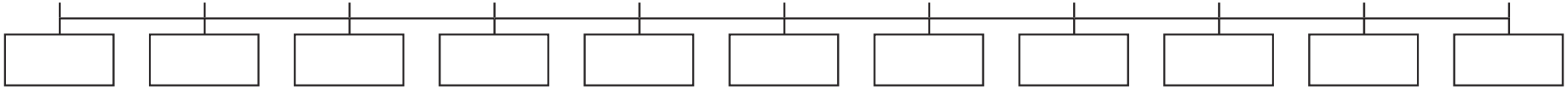
2) Write the decimal numbers in the correct places in the diagram below.



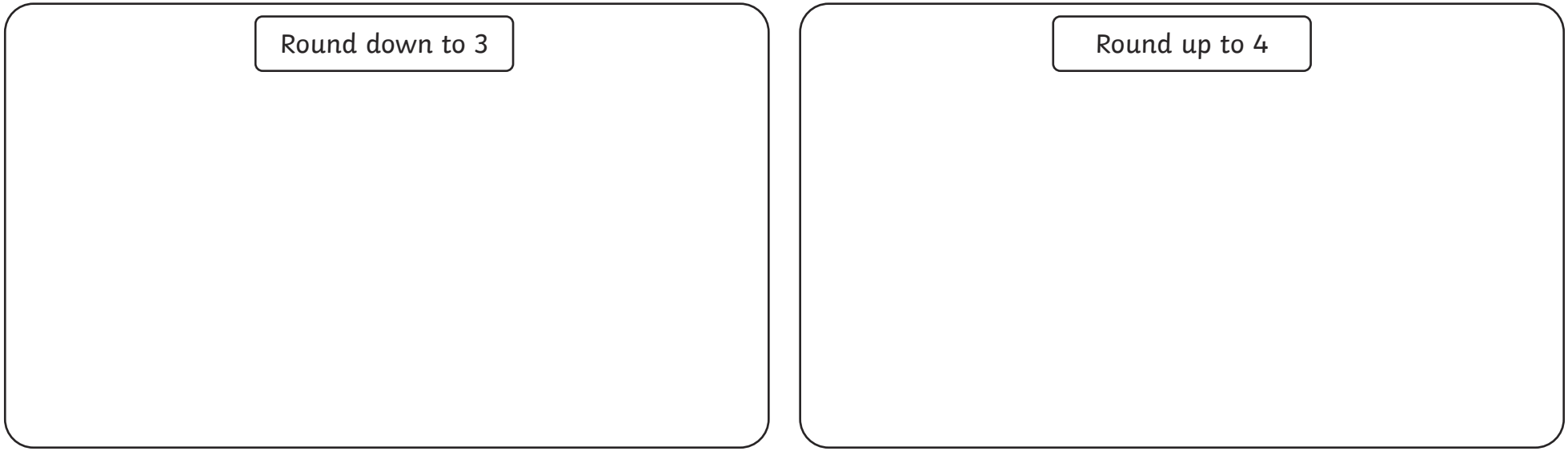
1.1	1.5	1	1.8	1.4	1.7	1.2	2	1.9	1.3	1.6

Round Decimals

3) Write the decimal numbers below in the correct boxes under the number line.



4) Write the decimal numbers in the correct places in the diagram below.



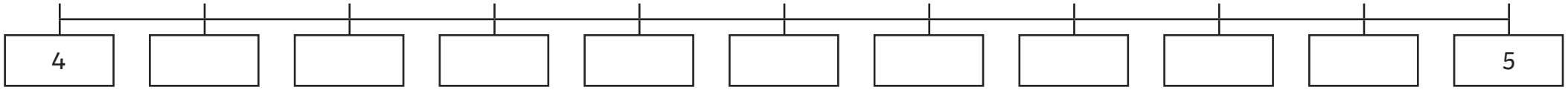
3.1	3.5	3	3.8	3.4	3.7	3.2	4	3.9	3.3	3.6

Round Decimals

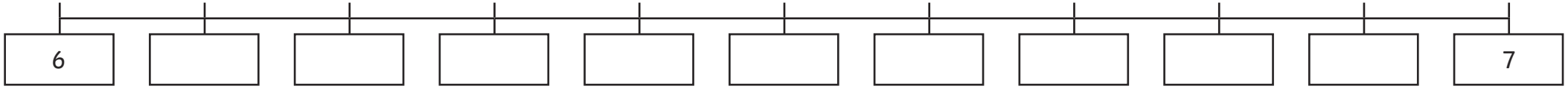
To round decimals to the nearest multiple of 1.

1) Write the decimal numbers under the number line and round the decimal numbers to the nearest multiple of 1.

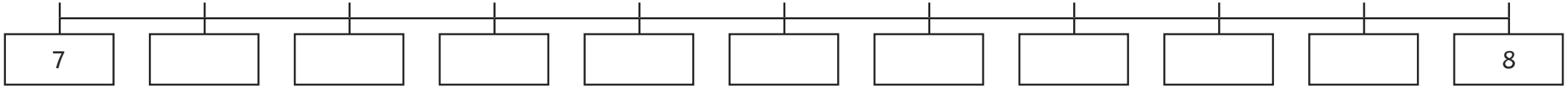
a) 4.9 rounded to the nearest multiple of 1 is _____



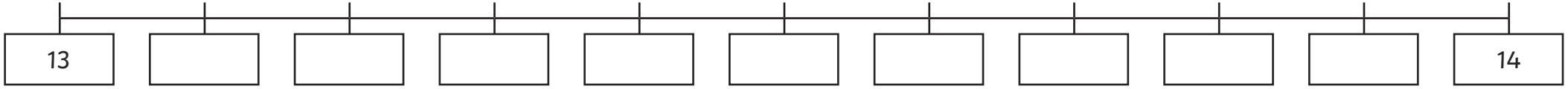
b) 6.1 rounded to the nearest multiple of 1 is _____



c) 7.2 rounded to the nearest multiple of 1 is _____



d) 13.5 rounded to the nearest multiple of 1 is _____



Round Decimals

2) Round the decimal numbers to the nearest multiple of 1. Use the place value charts to help you.

a) 23.4 ☐

Tens	Ones	Tenths

b) 36.1 ☐

Tens	Ones	Tenths

c) 47.5 ☐

Tens	Ones	Tenths

d) 51.6 ☐

Tens	Ones	Tenths

e) 66.8 ☐

Tens	Ones	Tenths

f) 17.9 ☐

Tens	Ones	Tenths

g) 79.2 ☐

Tens	Ones	Tenths

h) 42.3 ☐

Tens	Ones	Tenths

i) 77.7 ☐

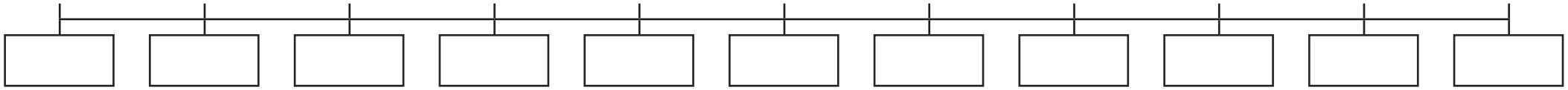
Tens	Ones	Tenths

Round Decimals

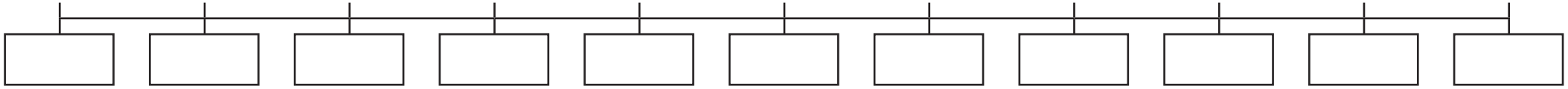
To round decimals to the nearest multiple of 1.

1) Round each decimal to the nearest multiple of 1 using the number lines below.

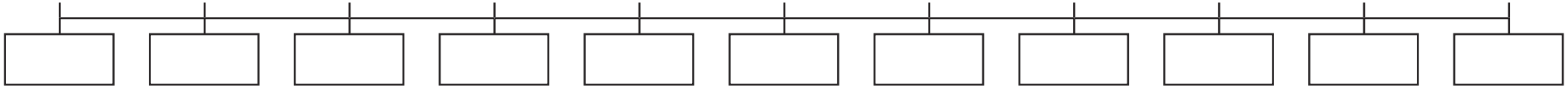
a) 13.7 rounded to the nearest multiple of 1 is _____



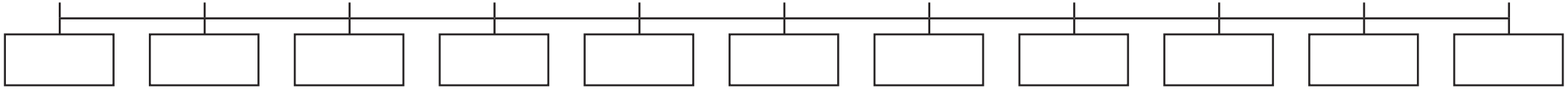
b) 20.1 rounded to the nearest multiple of 1 is _____



c) 64.5 rounded to the nearest multiple of 1 is _____



d) 89.8 rounded to the nearest multiple of 1 is _____



Round Decimals

2) Solve the calculations. Round the answers to the nearest multiple of 1.

a) 13.2 + 4.4 =	b) 33.3 + 6.2 =	c) 10.7 + 5.1 =	d) 42.1 + 5.3 =
Example: 13.2 + 4.4 = 17.6 17.6 rounded to the nearest multiple of 1 = 18			

3) Zara is thinking of a decimal number.

When I round my number, the nearest multiple of 1 is 19.

What could Zara's number be? Find all possibilities.

4) James is giving his partner some clues about a decimal number that he is thinking of.

My decimal rounds to 6.

It is greater than 56 tenths.

The digit in the tenths column is odd.

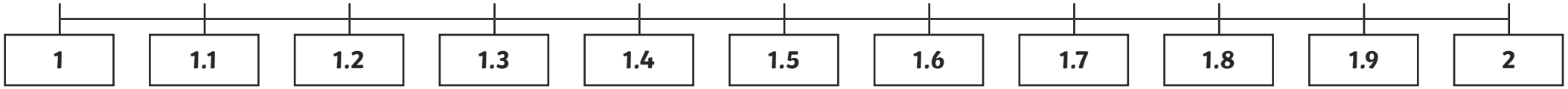
The digits in the ones and tenths column total a multiple of 7.

Which decimal number is James thinking of?

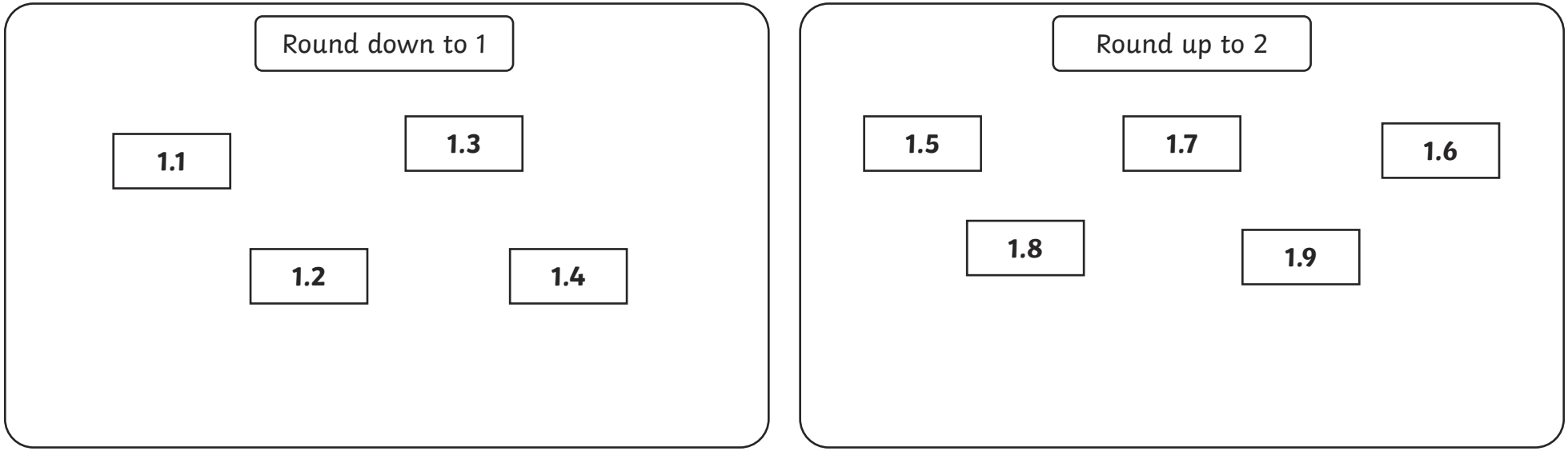
Round Decimals **Answers**

To round decimals to the nearest multiple of 1.

1) Write the numbers below in the correct boxes under the number line.

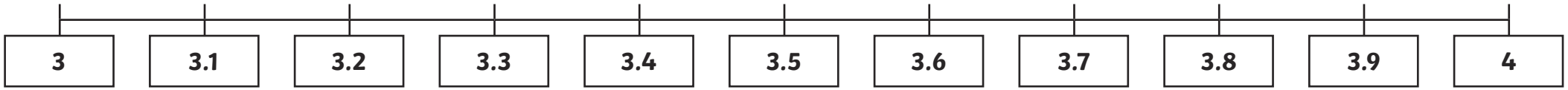


2) Write the decimal numbers in the correct places in the diagram below.

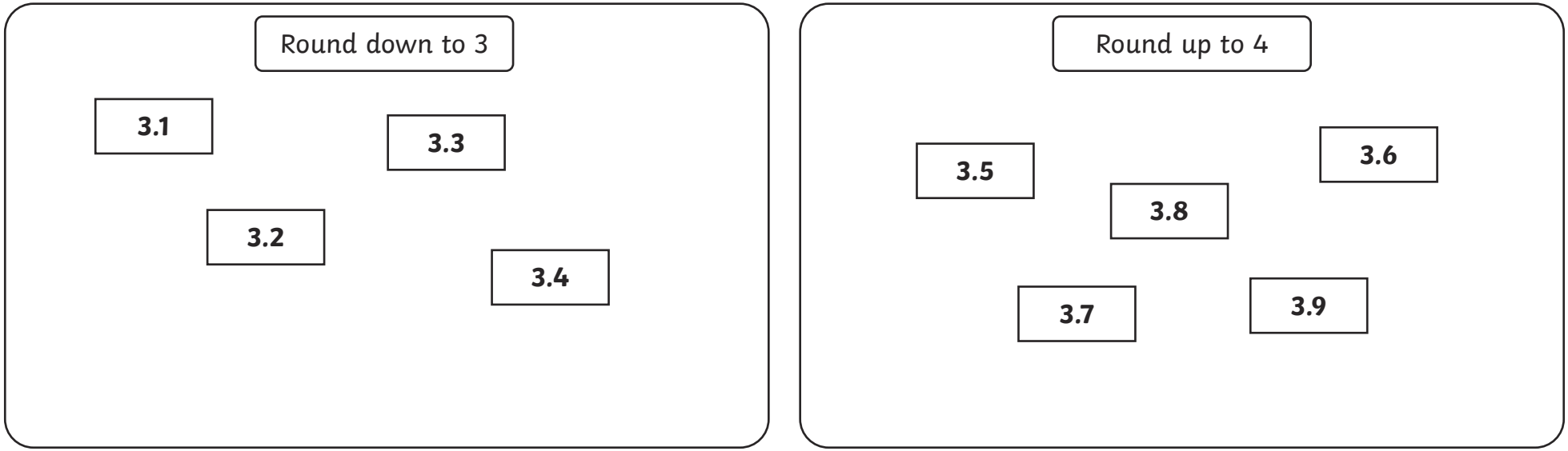


1.1 | 1.5 | 1 | 1.8 | 1.4 | 1.7 | 1.2 | 2 | 1.9 | 1.3 | 1.6

3) Write the decimal numbers below in the correct boxes under the number line.



4) Write the decimal numbers in the correct places in the diagram below.



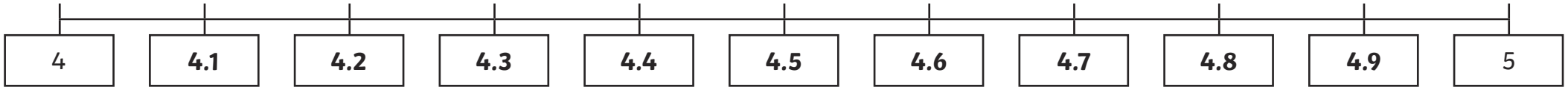
3.1 | 3.5 | 3 | 3.8 | 3.4 | 3.7 | 3.2 | 4 | 3.9 | 3.3 | 3.6

Round Decimals **Answers**

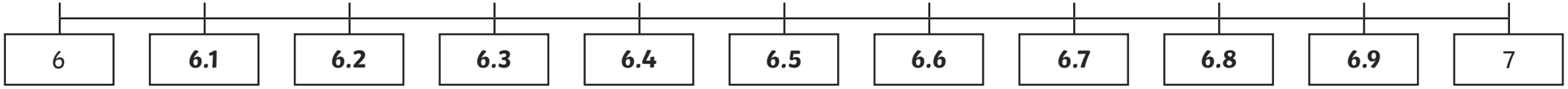
To round decimals to the nearest multiple of 1.

1) Write the decimal numbers under the number line and round the decimal numbers to the nearest multiple of 1.

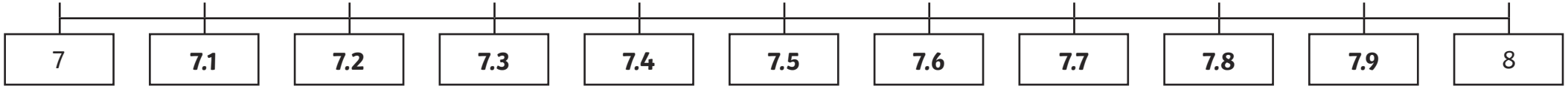
a) 4.9 rounded to the nearest multiple of 1 is **5**



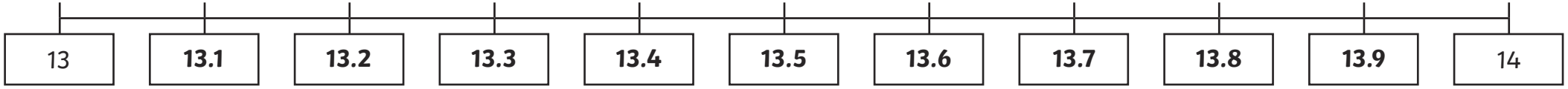
b) 6.1 rounded to the nearest multiple of 1 is **6**



c) 7.2 rounded to the nearest multiple of 1 is **7**



d) 13.5 rounded to the nearest multiple of 1 is **14**



2) Round the decimal numbers to the nearest multiple of 1. Use the place value charts to help you.

a) 23.4 **23**

Tens	Ones	Tenths

b) 36.1 **36**

Tens	Ones	Tenths

c) 47.5 **48**

Tens	Ones	Tenths

d) 51.6 **52**

Tens	Ones	Tenths

e) 66.8 **67**

Tens	Ones	Tenths

f) 17.9 **18**

Tens	Ones	Tenths

g) 79.2 **79**

Tens	Ones	Tenths

h) 42.3 **42**

Tens	Ones	Tenths

i) 77.7 **78**

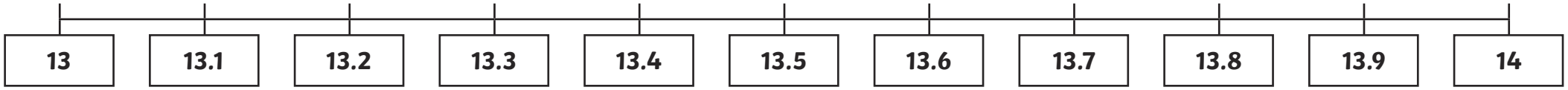
Tens	Ones	Tenths

Round Decimals **Answers**

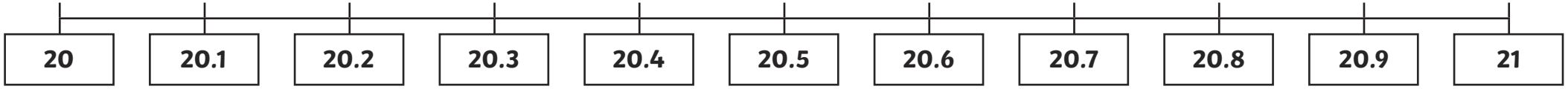
To round decimals to the nearest multiple of 1.

1) Round each decimal to the nearest multiple of 1 using the number lines below.

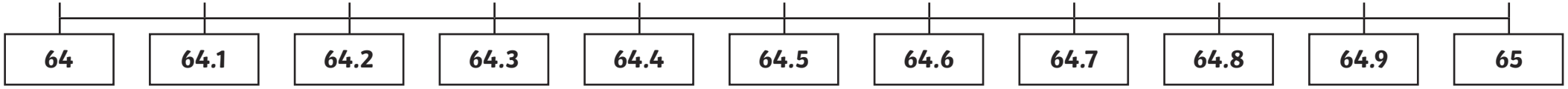
a) 13.7 rounded to the nearest multiple of 1 is **14**



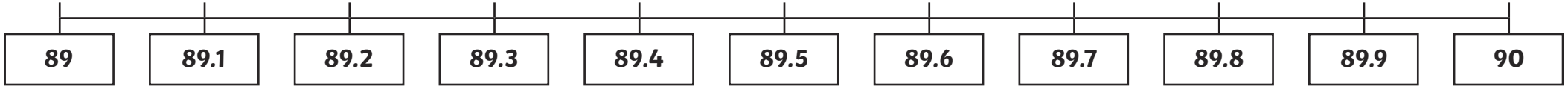
b) 20.1 rounded to the nearest multiple of 1 is **20**



c) 64.5 rounded to the nearest multiple of 1 is **65**



d) 89.8 rounded to the nearest multiple of 1 is **90**



2) Solve the calculations. Round the answers to the nearest multiple of 1.

a) 13.2 + 4.4 =	b) 33.3 + 6.2 = **40**	c) 10.7 + 5.1 = **16**	d) 42.1 + 5.3 = **47**
Example: 13.2 + 4.4 = 17.6 17.6 rounded to the nearest multiple of 1 = 18	**33.3 + 6.2 = 39.5** **39.5 rounded to the nearest multiple of 1 = 40**	**10.7 + 5.1 = 15.8** **15.8 rounded to the nearest multiple of 1 = 16**	**42.1 + 5.3 = 47.4** **47.4 rounded to the nearest multiple of 1 = 47**

3) Zara is thinking of a decimal number.

When I round my number, the nearest multiple of 1 is 19.

What could Zara's number be? Find all possibilities.

18.5, 18.6, 18.7, 18.8, 18.9, 19.1, 19.2, 19.3, 19.4

4) James is giving his partner some clues about a decimal number that he is thinking of.

My decimal rounds to 6.

It is greater than 56 tenths.

The digit in the tenths column is odd.

The digits in the ones and tenths column total a multiple of 7.

Which decimal number is James thinking of?

5.9 or 6.1