Worksheet E

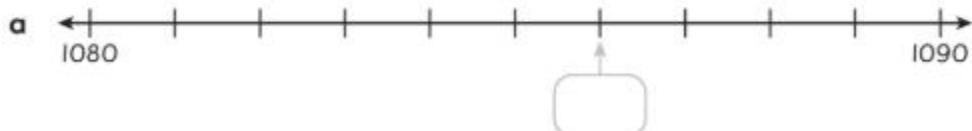## Round Numbers to the Nearest 10, 100 and 1000

Level 1 Level 2 Level 3

> If you are not sure, you can refer to Student's Book pages 16 and 17.

1   The Chenab River flows in India and Pakistan.
    It is 1086 km long.

a

1080 ————————————————— 1090

Is 1086 nearer to 1080 or 1090? _____

1086 rounded to the nearest 10 is _____ .

b

1000 ————————————————— 1100

Is 1086 nearer to 1000 or 1100? _____

1086 rounded to the nearest 100 is _____ .

c

1000 ————————————————— 2000

Is 1086 nearer to 1000 or 2000? _____

1086 rounded to the nearest 1000 is _____ .

2 Here are the lengths of some other rivers in Asia.

a Round each number to the nearest 10, 100 and 1000.

Length of River	Rounded to the nearest		
	10 km	100 km	1000 km
Hong River, 1149 km			
Yellow River, 5464 km			
Mekong River, 4909 km			

b If you are estimating the length of a river, is it more useful to round the numbers to the nearest 10, 100 or 1000 km? Which is the most useful way?

_____

_____

_____

_____

Level 1 **Level 2** Level 3

3 Caz has the following digit cards.

| 0 | 1 | 2 | 3 | 4 | 5 | 6 |

a Which number could she make if it gives 0 when rounded to the nearest 1000?

_____

_____

b What is the greatest possible number she can make in **a**?

_____

c What number could she not make in **a**? Why?

_____

_____

4 The given numbers round to 125 000 when rounded to the nearest 1000.
Fill in the missing digits to make the statement true.

12 _____ 590   125 _____ 90   124 _____

5 Ron makes two numbers.

> Both numbers have five digits and have a difference of 5.

> The first number rounds to 50 000.

> The second number rounds to 51 000.

What could the two numbers be?

_____

Level 1   Level 2   **Level 3**

6 Aida, Sara and Sayed made the following guesses.

Student	Guess
Aida	Numbers with a tens digit of 5 always round up to the nearest 100. So, 457 rounds up to 500.
Sara	Numbers with a ones digit of 5 always round up to the nearest 100. So, 475 rounds up to 500.
Sayed	Numbers with a hundreds digit of 5 always round up to the nearest 1000. So, 4579 rounds up to 5000.

Are they correct? Critique their guesses.

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