

Lesson 1: Let's Think

Noah is thinking of a whole number.

He says that rounded to the nearest ten, his number is 90.

What numbers could Noah be thinking of?

How do you know you have found all possible answers?

Lesson 1: Let's Apply

Eden is thinking of a 4-digit number.

Rounded to the nearest 100 it is 4,600

Rounded to the nearest 10 it is 4,650

What are all the possible numbers Eden could be thinking of?

Lesson 2: Let's Think

In a race the times are measured to the nearest tenth.

Eden knows her time rounded to the nearest whole number was 26 seconds.



What are all the possible times, to the nearest tenth, that Eden could have finished the race in?

Lesson 2: Let's Apply

Complete this table, one has been done for you.

	Rounded to the nearest whole number	Rounded to the nearest tenth	Rounded to 2 decimal places
5.458	5		
18.943			
7.495			
9.997			

Lesson 3: Let's Think

Eden and Noah are both rounding numbers.

They start with the same number.

Eden rounds her numbers to the nearest 10.

Noah rounds his number to the nearest 100.

Noah says his answer is double Eden's.

Is this possible? Explain how you know.

Lesson 3: Let's Apply

Noah thinks of a number with one decimal place.

He doubles it.

And rounds the number to the nearest whole number.

His answer is 5.

Write all the possible numbers Noah could have started with.