

# Identifying Place Values with Decimals Step By Step Lesson

1,745.281



What is the place value of the underlined integer? \_\_\_\_\_

What is the value of the integer? \_\_\_\_\_

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## Explanation

We can start by looking at the place values of all of the integers in this number. The decimal point tells us where to start. To the left of the decimal point is the ones places. To the right of the decimal point is the tenths places. We then count up or down based on the powers of ten places.

1	,	7	4	5	.	2	8	1
Thousands	,	Hundreds	Tens	Ones	Decimal	Tenths	Hundredths	Thousandths

The problem asks us about the 8 in the number.

This number is located at the hundredths place.

It would therefore have a value of  $0.01 \times 8$  or  $0.08$ .