

Whole Numbers

Introduction

We use whole numbers to represent whole items - dollars, pizzas, dogs or banjos.
No parts or pieces allowed - until we get to fractions and decimals.

Place Value

Our number system is based on the number 10.

$$321 = 300 + 20 + 1$$

↑
↑
↑
ones place
tens place
hundreds place



Rounding

Is 356 closer to 300 or 400?

400
↑

rounded to the hundreds place

Is 321 closer to 320 or 330?

320
↑

rounded to the tens place

Round 513 to the tens place

↑
rounding digit

look next door test digit

{ 0-4 keep rounding digit the same
5-9 bump up the rounding digit

513 is rounded to 510

↑ replace digits with zeros

Round 1,736 to the thousands place

↑
rounding digit

test digit

more than half way to the next number (5 or higher)

2,000

replace digits with zeros