
Fractions converted to decimals will either terminate, as in the *Part 1* video, or repeat, as I'll show here.

$$\frac{3}{11}$$

$$\frac{2}{3}$$

$$\frac{22}{7}$$

Round to the hundredths place.

Round to the thousandths place.

Rounding Decimals to a Specified Value:

Round to the tenths place:

$$3.79 \approx$$

$$3.78 \approx$$

$$3.77 \approx$$

$$3.76 \approx$$

$$3.75 \approx$$

$$3.74 \approx$$

$$3.73 \approx$$

$$3.72 \approx$$

$$3.71 \approx$$

$$3.70 \approx$$

Round to the thousandths place:

$$0.3582 \approx$$

$$-0.1465 \approx$$

$$47.2498 \approx$$

Round to the ones place:

$$23.641 \approx$$

$$3.5 \approx$$

$$-19.47291 \approx$$

Use $<$, $>$, or $=$ to indicate how the decimals are related:

5 2 or 2 5

-5 - 2 or -2 - 5

43.0294 43.1

197.53301 197.53217

-0.4394 - 0.4385

0.16 0.1600