

T-MF Math Fundamentals 10/4 Week 5

23,769,814

Give the place value of each.

7: hundred thousands

2: ten million

9: thousands

4: ones

8: hundreds

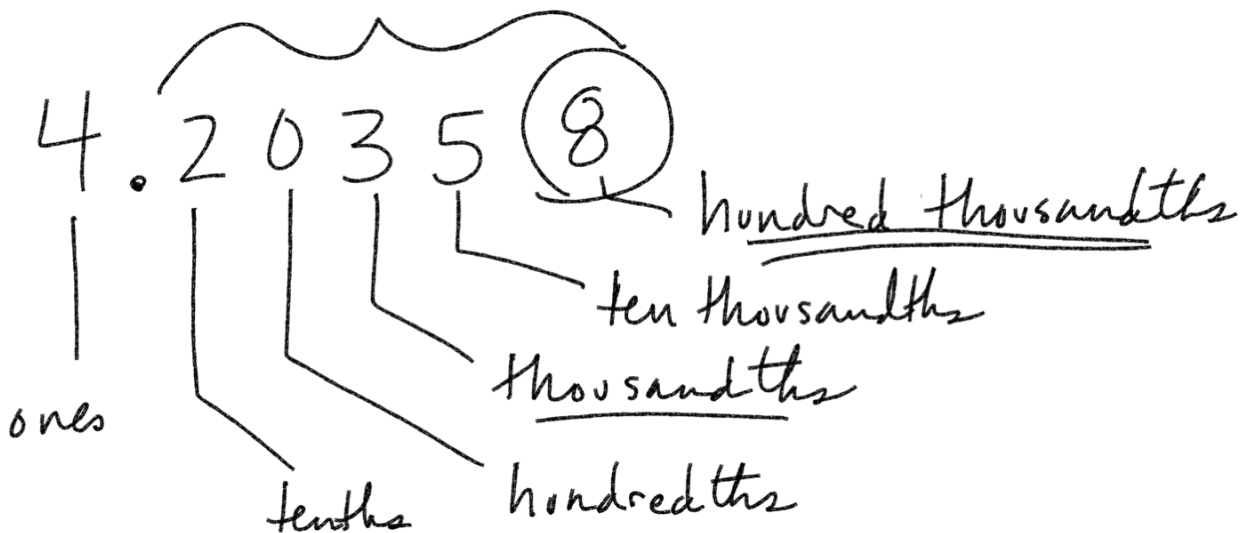
6: ten thousands

Write in written form

{ twenty three million seven hundred sixty nine thousand
eight hundred fourteen.

write in expanded form

$$20,000,000 + 3,000,000 + 700,000 + 60,000 + 9,000 + 800 + 10 + 4$$



four and twenty thousand three hundred fifty eight
hundred thousandths

$$\text{Expanded: } 4 + \frac{2}{10} + \frac{3}{1000} + \frac{5}{10,000} + \frac{8}{100,000}$$

1.) $3.00\bar{8}$

three and eight thousandths

4.) 9.1087

nine and one thousand eight hundred ten thousandths

2.) $5.02\bar{7}$

five and twenty seven thousandths

5.) $2.\overset{\downarrow}{0}\overset{\downarrow}{9}$

two and nine hundredths

3.) $7.3\bar{4}$

seven and thirty four hundredths

6.) 6.0342

six and three hundred forty two ten thousandths

Comparing Decimals

Inequalities open to the larger number

$\downarrow \downarrow \quad \downarrow \downarrow$
 $6.81 > 6.37$



$\downarrow \downarrow$
 6.32



$\downarrow \downarrow \quad \downarrow \downarrow$
 6.50



Inequalities

$>$ Greater than }
 $<$ Less than }
"left than" }

$=$ equals

$2.216 > 2.149$

$5.75 = 5.750$

$1.) 6.48 < 6.99$

$4.) 6.81 > 6.1$

$2.) 2.59 < 2.684$

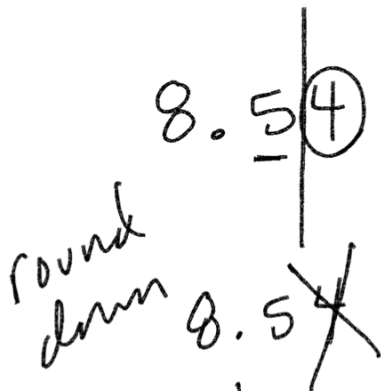
$5.) 4.2 = 4.200$

$3.) 8.538 > 8.122$

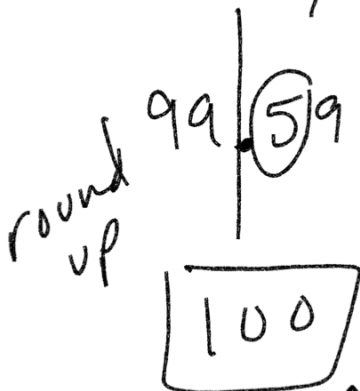
$6.) 7.0 < 7.085$

Decimal Rounding

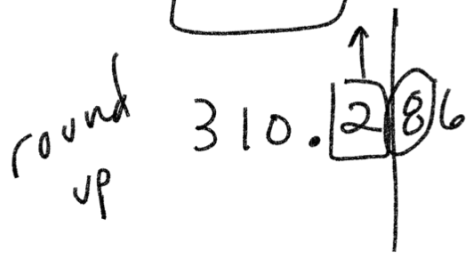
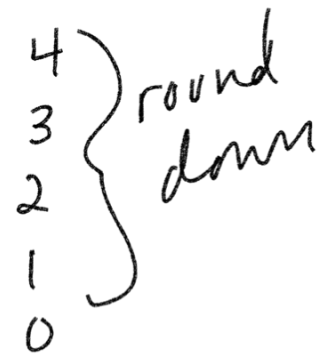
Round to the nearest tenth.



8.5



Round to the nearest whole number



Round to the nearest tenth

310.3

310.3
Round up

310.2
Round down

Round to the nearest

- 1.) 6.80 (5) hundredth 6.80 6.81 up
- 2.) 9.7 (2) down tenth 9.7 down 9.8 up
- 3.) 815.9 (5) up tenth 815.9 816.0
- 4.) $90.$ (9) down whole number 90 91
- 5.) 95.8 (4) down hundredth 95.81 95.82
- 6.) 8.999 (5) thousandth 9.000 up

