

Solve these problems. Remember, its always a good idea to estimate your answer first.

$$136.04 + 102.27 \rightarrow \begin{array}{r} 136.04 \\ +102.27 \\ \hline 238.31 \end{array}$$

Write in vertical column, aligning the decimal points.

Add each column, starting on right. Carry digits when needed.

$$2.37 - 0.031 \rightarrow \begin{array}{r} 2.370 \\ -0.031 \\ \hline 2.339 \end{array}$$

Write in vertical column, aligning the decimal points.

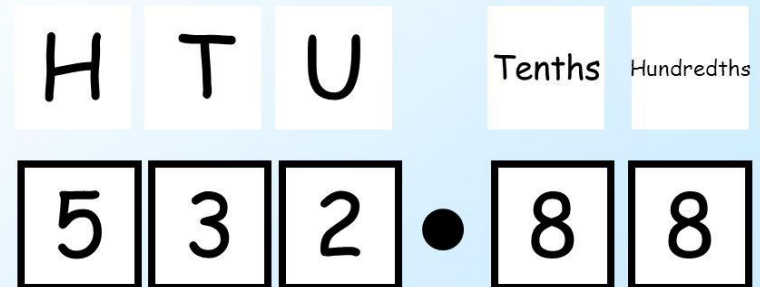
Subtract each column, starting on right and working left. Borrow as needed.

Ordering decimals

3 to 11 maths.com

Decimals numbers are numbers that use the place holder tenths, hundredths etc...

A decimal point (.) is used to separate the number from the units, tens, hundreds...



Significant figures

If something is **significant**, it is big or important. The **most significant** thing is the biggest or most important thing.

3 2 6 8

3 is worth the most in this number (3 **thousand**)
It is the **first** significant figure.

2 is worth 2 **hundred**, and is the **second** significant figure.

6 is worth 6 **tens**, and is the **third** significant figure.

8 is worth 8 **units**, and is the **fourth** and least significant figure.

3268 rounded to 1 sig. fig.

$$3268 \rightarrow 3000$$

1 sf
3000

Look at the next digit.
2 is less than 5 - stay at 3000

3268 rounded to 2 sig. fig.

$$3268 \rightarrow 3300$$

2 sf
3200

Look at the next digit.
6 rounds up - go to 3300

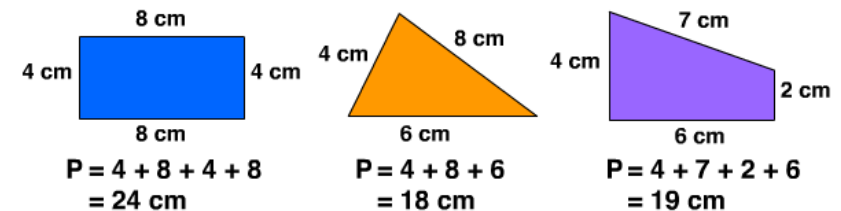
Half
Term

1

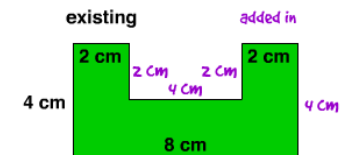
perimeter

The perimeter of a shape is the sum of the length of all its sides.

adding the length of sides



Some lengths may not be shown on examples. Don't forget to add them in when calculating perimeter.



$$P = 4 + 2 + 2 + 4 + 2 + 2 + 4 + 8 = 28 \text{ cm}$$

Add and Subtract

- $0.2 + 0.33 =$
- $0.55 + 0.3 =$
- $0.55 + 0.503 =$
- $2.2 + 0.313 =$
- $4.215 + 2.31 =$
- $5.287 + 4.1 =$
- $4.342 + 5.3 =$
- $0.67 + 5.463 =$
- $0.65 - 0.2 =$
- $0.75 - 0.5 =$
- $0.88 - 0.6 =$
- $6.74 - 5.2 =$
- $3.71 - 0.4 =$
- $8.29 - 2.7 =$
- $12.4 - 8.34 =$
- $9.784 - 7.2 =$

Order the following numbers from least to greatest:

0.165

0.151

0.5610

0.52

0.605

Round:

	to 3 s. f.	to 2 s. f.	to 1 s. f.
6.3528			
34.026			
0.005708			
150.932			
0.00007835			

Half
Term
1

Find the perimeter

