

ESTIMATION

What Is Estimation?

When you make an estimate, you are making a guess that is approximate. This is often done by rounding.

How to Estimate:

- When estimating, you will often need to **round off** the numbers with which you are working.

For example:

There are 148 gumballs in three jars. If the jars have about the same



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To estimate the **sum** of 23 and 17:

- First round 23 and 17 to the nearest ten.
23 rounded to the nearest ten is 20
17 rounded to the nearest ten is 20

- Then add 20 and 20 together.
 $20 + 20 = 40$

To estimate the **difference** between 32 and 14:

- First round 32 and 14 to the nearest ten.
32 to the nearest ten is 30
14 to the nearest ten is 10
- Then subtract 10 from 30.
 $30 - 10 = 20$

Try This!

Estimate the sum of the following.

$24 + 37 = \underline{\hspace{2cm}}$

$62 + 19 = \underline{\hspace{2cm}}$

$31 + 46 = \underline{\hspace{2cm}}$

$18 + 48 = \underline{\hspace{2cm}}$

Estimate the difference of the following.

$48 - 31 = \underline{\hspace{2cm}}$

$52 - 29 = \underline{\hspace{2cm}}$

$88 - 53 = \underline{\hspace{2cm}}$

$76 - 20 = \underline{\hspace{2cm}}$



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