## Mathelpers

## Add and Subtract Whole Numbers

You can add or subtract to find an exact answer.

The estimate will help you determine if you have a reasonable answer.

Suppose you have saved 2,367 dirham's. Then you gained l,545 dirham's. How many dirham's do you have altogether to buy a present for your mom?

First estimate.
Then, add to find the exact answer.

$$
\begin{gathered}
2,367 \rightarrow \quad 2,000 \\
+1,545 \rightarrow+\frac{2,000}{4,000}
\end{gathered}
$$

$$
\begin{gathered}
2,367 \\
+1,545 \\
\hline 3,912
\end{gathered}
$$

$3,9 \mid 2$ is close to the estimate, so the answer is reasonable. You have 3,912 dirham's.

## Examples:

A- Estimate. Then find the sum or difference.

| I) $2,924 \rightarrow 3,000$ | 2,924 |
| :--- | :--- |
| $\underline{+3,445} \rightarrow+3,000$ | $\underline{+3,445}$ |
| 6,000 | 6,369 |


| 2) $5,643,967 \rightarrow 6,000,000$ | $5,643,967$ |
| :--- | :--- |
| $+3,456,754 \rightarrow+3,000,000$ | $\frac{+3,456,754}{9,100,721}$ |


| 3) $7,506 \rightarrow 8,000$ | 7,506 |  |
| :---: | :---: | :---: |
| $\underline{-4,315} \rightarrow \underset{\text {-4,000 }}{4,000}$ |  | $\frac{-4,315}{3,191}$ |

## Mathelpers



| 5) $46,543 \rightarrow 50,000$ | 46,543 |
| :---: | :--- |
| $+70,269$ | $+\mathbf{+ 7 0 , 0 0 0}$ |
| 120,000 | $\underline{+70,269}$ |
| 16,812 |  |


| My Real Life |
| ---: |
| Salma's Marble Collection: |


| Year | Number of Marbles |
| :---: | :---: |
| 2005 | 4,569 |
| 2006 | 5,832 |
| 2007 | 3,916 |



1- How many marbles did Salma collect in years 2005-2006?
$4,569+5,832=10,401$ Marbles
2- How many more marbles did Salam collect in year 2006? Draw a comparison between 2006-2007.

$$
5,832-3,916=1,916 \text { Marbles }
$$

3- How many marbles did Salma collect in three years?
$4,569+5,832+3,916=14,317$ Marbles

