

Compatible Numbers

You can use compatible numbers or rounding to help you estimate solutions.

Compatible Numbers

Compatible numbers are sometimes called friendly numbers. These are numbers that are easy to put together.

Numbers that end in 0 10, 100, 1000	Numbers that end in 5 5, 15, 105
Doubles Facts $8 + 8 = 16$ $20 + 20 = 40$	Numbers that Make 10 $1 + 9 = 10$

Rounding

Rounding helps you estimate numbers to the nearest group of 10. There are specific rules to rounding.
Rules to Rounding:

4 or less, let it rest
(stay the same)

5 or more, add 1 more
(add 1 to the place you are rounding)

Estimating to Find Solutions

When you estimate to find a solution you always want to estimate first. The goal is not to estimate the actual answer, but to estimate to help you find a number close to the answer. You can use **Compatible Numbers** or **Rounding** to help you find the solution.

Compatible Numbers	Actual Numbers	Rounding
$\begin{array}{r} 75 \\ + 65 \\ \hline 140 \end{array}$	$\begin{array}{r} 76 \\ + 66 \\ \hline 142 \end{array}$	$\begin{array}{r} 80 \\ + 70 \\ \hline 150 \end{array}$

For this set of numbers, which estimation strategy worked the best? Why?

Rounding Compatible Numbers Addition Houghton Mifflin

G Psacharopoulos



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web compressor capacity is volume of compressed air flow upon a particular given time and is expressed in m^3/hour or l/min various compressor types vary in capacity to specify particular application of compressor equipment amount of inlet air consumed upon a particular given time prior to compression is also considered a unit capacity

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web numerical simulation of a centrifugal compressor ijera journal in this paper the tip clearance effects on flow field of a low speed centrifugal compressor without and with partial shroud ps fitted on to the rotor blade tip at three values of tip clearance viz 2.25 1 and 7.9 of rotor blade height at the exit at three flow