REASONABLENESS ASK-YOURSELF QUESTIONS

CHOOSE

Selects an appropriate strategy

Before you solve, ask yourself these questions:

- *Is this something I can do in my head?*

- *Is the strategy or method I am considering a reasonable approach for the numbers in this problem?*

- *Is it reasonable to use the standard algorithm for this problem (or is there a shorter method)?*

- *What is a good estimate for the answer?*

CHANGE

Trades out or adapts strategy

During the solving, ask yourself these questions:

- *Is this answer I got [partway through a process] reasonable?*

- *Is this amount of 'mess' reasonable, or did I make a mistake or pick a bad method?*

- *Should I trade out my strategy?*

- *How might I adapt my strategy?*

CHECK

Gets correct answer

After solving, ask yourself these questions:

- *Is this answer close to what I anticipated it might be?*

- *Does my answer make sense?*

- *How can I check to see if my answer is correct?*