

## Procedural & Reasoning Question Prompts Check-list

- **Procedural:**
  - What do I know about\_\_\_\_\_
  - What can we do first?
  - When do I use\_\_\_\_\_?
  - Do we see a pattern?
  - What does that mean?
- **Reasoning:**
  - Why...
  - What if we changed \_\_\_\_\_
  - How does this (pieces/parts/concepts) relate/connect to \_\_\_\_\_
  - What else does this remind me of?
  - How can we be sure the pattern continues?
  - How do we determine which method to choose?
  - This is the best/most reasonable solution because...
  - This always/sometimes/never works because...
  - Can you think of a counterexample?
  - Could you reach the same result using a different approach?
  - I am deciding \_\_\_\_\_because of \_\_\_\_\_ and \_\_\_\_\_, and chose \_\_\_\_\_because\_\_\_\_\_
  - Have we ever solved a problem like this before?

*Adapted from The Art of Questioning in Mathematics, NCTM  
Professional Teaching Standards*