

QT QUESTION STARTERS

AUTHENTIC QUESTIONS about mathematics tasks...

- come from thinking about the mathematics of the task (rather than directly from the task).
- can have more than one correct answer or approach.
- are supported by reasons and evidence that come from the task, our own mathematical work and representations, or our own thinking about mathematical concepts, properties, and relationships.

- Why do you think ... ?
- How do you know that ... ?
- Given that ..., why ... ?
- What do you think would happen if ... ?
- How could we know if ... ?
- How does the concept of ... play a role here?
- Do you think that ... is always true?
- Does it matter that ... ?
- What kind of evidence could we use to ... ?
- Does this problem remind you of ... ?

TEST QUESTIONS ...

- can be answered with a number or in a few words.
- have answers that can be found in the task, from a straightforward calculation based on information in the task or based on quick recall of previously learned content.
- have only one correct answer or can be answered in only one way.

- What is ... ?
- How many ... ?
- What page ... ?
- What operation ... ?