Why Appropriate Assessment Assignment is Needed

If appropriately assigned, it will

- provide valid interpretations about students' understanding.
- diagnose students'misconceptions and errors.
- give teachers insight to students' understanding.
- provide valuable information for making instructional decisions.

If inappropriately assigned, it will

- provide invalid interpretations.
- guide teachers to make incorrect decisions about students' understanding.
- have limited use for making instructional decisions.



Diagnostic Decision Tree

The test may be misassigned if

- the results do not align with your own observations about the students' strengths and opportunities, or
- useful information is not generated.
 - Student does not respond correctly to any items.
 - Student responds correctly to all items.



Which assessment would you assign?

Student 1: Sarah - 6th grade

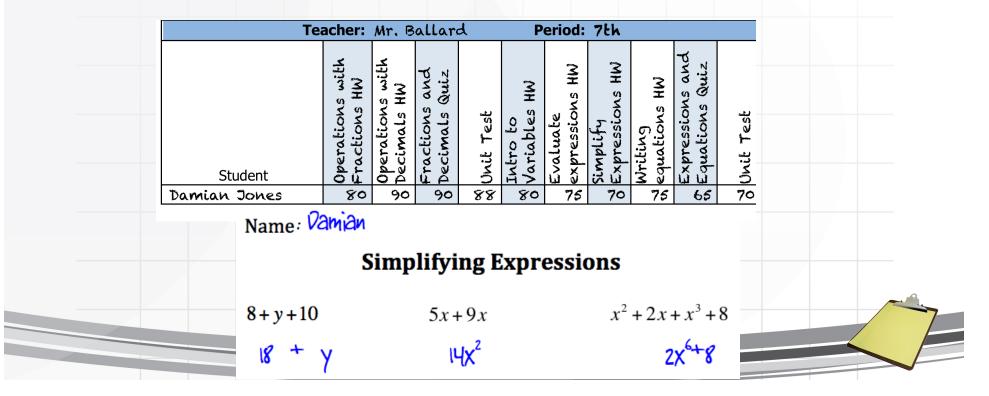
- She participated in the MSTAR Universal Screener.
 - Spring classification: Tier 3A
- She understands basic fraction concepts but has difficulty generating different forms of rational numbers and applying rational numbers.

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Which assessment would you assign?

Student 2: Damian - 8th grade

- He participated in the MSTAR Universal Screener.
 - Fall classification: Tier 2A
- He works well with positive rational numbers but is currently struggling with equations and expressions in the classroom.



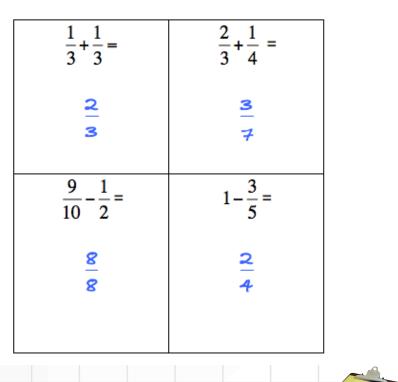
Which assessment would you assign?

Student 3: Julie - 5th grade

- She participated in the MSTAR Universal Screener.
 - Fall classification: Tier 1A
 - Winter classification: Tier 1B
- Mathematics classroom averages
 - 1st 6 weeks: 90
 - 2nd 6 weeks: 86
 - 3rd 6 weeks: 78

Name: Julie

Adding & Subtracting Fractions



Diagnostic Decision Tree

- Take a look at your screener reports.
 - Which students would be taking a diagnostic assessment?
 - Which assessment would each take?
 - Write down your thoughts about 2 students (which assessment you choose and why) in your learning portfolio.
- Discuss one student and your reasoning on the discussion board.

