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Please enjoy this complimentary excerpt from *The Formative 5*. This Hinge Question Implementation Tool helps you to organize your thoughts around a single hinge question in order to better assess your students' progress and define next steps for their continued learning.

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Classroom: Hinge Question Implementation Tool

Date:		
Mathematics Standard:		
Hinge Question:		
Location in the Lesson	Anticipated Student Responses	Possible Next Steps: Differentiation Strategy
Beginning		Review
Middle		Extend
End		Student Grouping

Figure 4.4 • Classroom: Hinge Question Implementation Tool

Date: April 15		
Mathematics Standard: Grade 7: Expressions and Equations—Solve word problems leading to equations of the form $ax + b = c$ and $a(x + b) = c$, where a , b , and c are specific rational numbers.		
Hinge Question: The perimeter of an isosceles triangle is 72 cm. If one side is 12 cm, what is the length of each of the two equal sides? Response choices: A. 24, since $3 \times 24 = 72$ cm B. 60, since $60 + 12 = 72$ cm C. 30, since $(2 \times 30) + 12 = 72$ cm D. 42, since $2 \times 42 - 12 = 72$ cm		
Location in the Lesson	Anticipated Student Responses	Possible Next Steps: Differentiation Strategy
Beginning	Anticipate that most will recognize the two equal sides with each side being 30 cm. Some concern that they will not remember/know to respond based on each of the two equal sides; or that some will continue to think rectangles, not triangles. We have worked with/on rectangles all week.	Review Consider reviewing names of triangle types, which may be getting in the way of the standard being addressed in the lesson.
Middle		Extend <ul style="list-style-type: none"> Use other examples beyond measurement geometry. Request equations or expressions within the response (as appropriate).
End	Will use this toward the end of the lesson—multiple-choice format	Student Grouping Might consider Show Me or an interview based on responses.



A blank template version of this figure is available for download at <http://resources.corwin.com/Formative5>