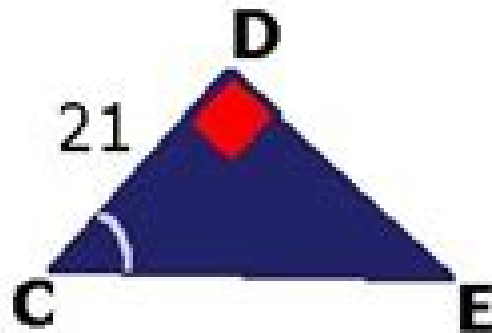


Lesson #100:

Applying Properties of Similar Triangles

Do Now: Answer the following questions about the 2 similar triangles below.



a) Write a similarity statement for the 2 triangles.

$\triangle CDE \sim \triangle JKL$

b) If the larger triangle has a perimeter of 84, find the perimeter of the smaller. **72 units**

c) If the smaller triangle has an area of 216, find the area of the larger. **294 units²**

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notion that there are many ways in which mathematics learning can be achieved for students and that not all of them are focused on the mathematics classroom It explores the foundational numeracy principles of the non mathematical subject areas and aligns these to the Australian numeracy learning continuum It demonstrates in detail the extent to which numeracy competencies underpin successful learning in all the subject areas of the curricula It validates a focus of developing numeracy competencies through learning in the arts science and other discipline areas with which school students to engage with in order develop holistically but which are not subjected to national assessment practices It is developed around the notion of praxis putting theory into practice in order to respond to the urgent need for students to be supported in their efforts to increase their numeracy capabilities in a world where extensive amounts of new information are often presented in graphical or data based formats Additionally it offers perspectives on developing all students capacities to become numerate in school contexts and presents inclusive differentiated lesson examples as an alternative way of exploring numeracy in the context of teaching and learning in real world classroom contexts

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