DOINGWHATWORKS

Web Shots for Spiderman Problem

Eliza Hart Spalding School of Math and Technology, Idaho

Topic: Developing Effective Fractions Instruction for K-8

Practice: Operations With Fractions

At Eliza Hart Spalding School of Math and Technology, a fifth-grade teacher uses his students' known interests to build math problems that will keep them engaged. Using the context of creating webs like those used by Spiderman, this problem provides the framework for a lesson on division with fractions. In addition to the statement of the problem, this piece also shows several examples of students' work using different division methods.
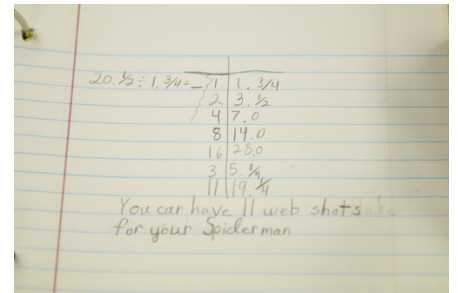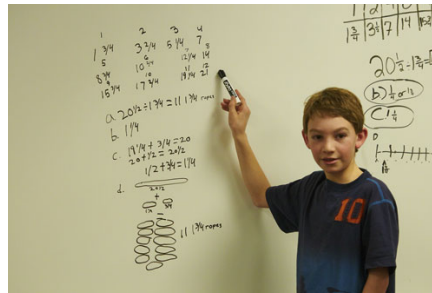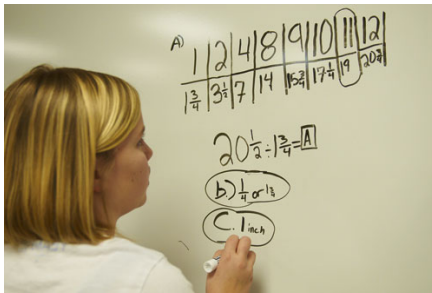
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Web Shots for Spiderman

Zayd and I were playing in the garage and he wanted to be just like Spiderman. He asked if we could make him a web shooter out of rope that he found.

To make each web shot, it takes 1 ¾ inch of rope. If he found 20 ½ inches of rope, how many web shots can we make for my Spiderman?

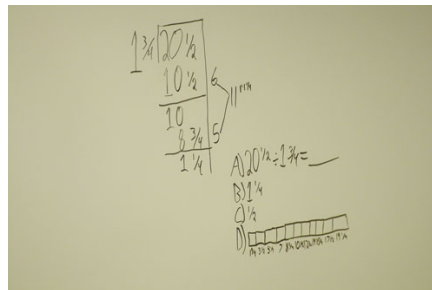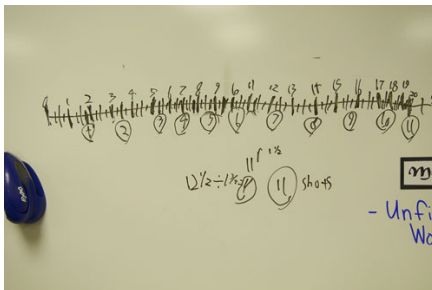What is the mathematical sentence? Then solve.

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