

Beginners Circle, Home Problems 14

1. Bernie the Beaver found two logs, 6 feet each. He needs to cut them into pieces 1 foot long so he can bring them home. It takes Bernie 2 minutes to make one cross cut. How long will it take Bernie to finish the job?



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2. Three magicians, Astrid, Borges, and Ming together performed 7 spells, transforming acorns into diamonds, and each magician made a different number of spells. Each of them transformed at least one acorn. Astrid performed the greatest number of spells, and Borges did the smallest number. How many spells did Ming perform?



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3. The equality below is made out of sticks. Move 1 stick to make it correct.

$$15 - 9 = 9$$

4. Divide these cakes into 2 pieces. The pieces must be the same size, the same shape, and have the same number of chocolate stars on them. (Cut only along the black lines.)

