

GCF and LCM | Word Problems

- 1) Berkley and Bronx take their Spanish lessons from a trainer in Jacksonville. Berkley goes to the class every 3 days, and Bronx attends the class once in 5 days. If they both took their lessons today, how long will it take Berkley and Bronx to take their lessons again on the same day?
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- 2) Ethan has two rolls of jute rope. He measured them to be 78 feet and 91 feet. If he wants to cut them into several pieces of equal lengths, what would be the greatest possible length of each piece?
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- 3) Caryn and Delma are taking quizzes on various subjects. Caryn sets consecutive alarms on her watch so it rings every 20 minutes, and Delma sets hers to ring every 15 minutes. If both girls start the quiz at the same time, how long will it take for their alarms to ring simultaneously?
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- 4) Beachcombing on a Sunday, Dylan found 30 conchs, 15 cowries, and 5 clamshells. If he's planning to give them away in sets to his friends, how many identical sets can he make?
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- 5) Prepping up for a cycling event, Claudia, Evelyn, and Amanda covered the distance in 12 minutes, 15 minutes, and 18 minutes respectively. They had agreed that they'd continue to cycle in the same track until all three reach the finish line together. How many hours would the session continue for?
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