

Name: _____

Date: _____

GCF & LCM

Answer the questions.

WORD PROBLEMS

Prepping up for a cycling event, Celline, Taylor, and Jane 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?

Beachcombing on a Sunday, Dave 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?

Bryan and Daniel take their Spanish lessons from a trainer in Jacksonville. Bryan goes to the class every 3 days, and Daniel attends the class once in 5 days. If they both took their lessons today, how long will it take BBryan and Daniel to take their lessons again on the same day?

Michael 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?

Sherly and Diana are taking quizzes on various subjects. Sherly sets consecutive alarms on her watch so it rings every 20 minutes, and Diana 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?