1. Nick and Inez are running around a 1-mile loop in the park. Nick runs an 8-minute mile and Inez runs a 10-minute mile. If they start together, how long will it take Nick to pass Inez a second time?

2. Willis has a guitar lesson every 3 days and a piano lesson every 5 days. How often does he have a guitar and a piano lesson on the same day?

3. Anna said the LCM of 8 and 12 is 4. Explain what Anna’s mistake was. Then tell the correct answer.

4. When can the LCM of two numbers be one of those numbers? Give an example.

5. Can the LCM and the GCF of two numbers be the same number? Explain why or why not.