

**Skill: Least Common Multiple****Investigation 3****Prime Time**

List multiples to find the LCM of each set of numbers.

1. 5, 10

2. 2, 3

3. 6, 8

4. 4, 6

5. 8, 10

6. 5, 6

7. 12, 15

8. 8, 12

9. 9, 15

10. 6, 15

11. 6, 9

12. 6, 18

13. 3, 5

14. 4, 5

15. 9, 21

16. 7, 28

17. One radio station broadcasts a weather forecast every 18 minutes and another station broadcasts a commercial every 15 minutes. If the stations broadcast both a weather forecast and a commercial at noon, when is the next time that both will be broadcast at the same time?