

## FACTORS AND MULTIPLES

In 1-3, determine the least common multiple of each set of numbers.

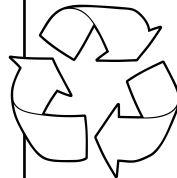
1. 9 and 7	2. 10 and 6	3. 4, 8, and 3
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In 4-6, determine the greatest common factor of each set of numbers.

4. 15 and 60	5. 36 and 48	6. 16, 24, and 40
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Answer the questions below by applying your understanding of LCM and GCF.

7. A holiday toy drive is putting together baskets for children. There are 84 toys and 56 books. If each basket will receive the same number of toys and books so that no toys or books are left over, then what is the greatest number of baskets that could be made?	8. A neighborhood trash pick-up comes every 7 days, while the recycling pick-up is every 12 days. After how many days will both the trash and recycling be picked up on the same day?
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9. Addie organizes the Venn diagram below showing the prime factors of 56 and 42. Reid says that she is incorrect. Who is correct? Justify your thinking.

