

Use what you know about factors and multiples to solve each problem.

1. Find the common factors of 12 and 42.
2. Find the common factors of 120 and 200.
3. Is 24 a common factor of 48 and 72? Why?
4. Find the first three common multiples of 3 and 5.
5. What is the first multiple 16 and 20 have in common?
6. Alex says, "12 is a factor of 24 and 24 is a multiple of 12."
Why is Alex correct? What other two numbers have the same relationship?