

Common Multiples

Some numbers can be multiplied to make several products the same as others. These **products** are called **common multiples**.

For example: $6 \times 2 = 12$ and $6 \times 4 = 24$

Also: $4 \times 3 = 12$ and $4 \times 6 = 24$

12 and 24 are common multiples of 4 and 6. The smallest multiple that 4 and 6 share (other than 0) is 12. 12 is the **lowest common multiple** of 4 and 6.

Find the **multiples** of these **pairs** of numbers. Underline the **lowest common multiple** for each pair.

1. $\frac{3}{4}$ _____

2. $\frac{4}{9}$ _____

3. $\frac{8}{3}$ _____

4. $\frac{5}{7}$ _____

5. $\frac{4}{12}$ _____

6. $\frac{9}{8}$ _____

7. $\frac{11}{3}$ _____