Lowest Common Multiple

1. List the first five multiples of the following numbers:

   a. 2   b. 6   c. 3   d. 10

   e. 25   f. 12   g. 7   h. 13

2. Using your answers from Q1, find the lowest common multiples of the following pairs of numbers:

   a. 2 and 6   b. 2 and 3   c. 10 and 25

   d. 10 and 12   e. 6 and 12   f. 2 and 10

3. Find the lowest common multiples of the following pairs of numbers:

   a. 3 and 4   b. 5 and 9   c. 7 and 8

   d. 6 and 9   e. 8 and 12   f. 15 and 20

4. Find the lowest common multiples of the following groups of numbers:

   a. 4, 6 and 12   b. 3, 5 and 6   c. 2, 7 and 8

   d. 2, 5 and 15   e. 5, 6 and 9   f. 4, 5 and 6

5. Three people are jogging around a track. Alan takes 2 minutes to complete one lap, Bilal takes 3 minutes and Carrie takes 4 minutes. They start at the same time. How many minutes will have passed when they are all together at the starting line again?

Lowest Common Multiple

1. List the first five multiples of the following numbers:

   a. 2   b. 6   c. 3   d. 10

   2, 4, 6, 8, 10   6, 12, 18, 24, 30   3, 6, 9, 12, 15   10, 20, 30, 40, 50

   e. 25   f. 12   g. 7   h. 13

   25, 50, 75, 100, 125   12, 24, 36, 48, 60   7, 14, 21, 28, 35   13, 26, 39, 52, 65

2. Using your answers from Q1, find the lowest common multiples of the following pairs of numbers:

   a. 2 and 6   b. 2 and 3   c. 10 and 25

   6   6   50

   d. 10 and 12   e. 6 and 12   f. 2 and 10

   60   12   10

3. Find the lowest common multiples of the following pairs of numbers:

   a. 3 and 4   b. 5 and 9   c. 7 and 8

   12   45   56

   d. 6 and 9   e. 8 and 12   f. 15 and 20

   18   24   60

4. Find the lowest common multiples of the following groups of numbers:

   a. 4, 6 and 12   b. 3, 5 and 6   c. 2, 7 and 8

   12   30   56

   d. 2, 5 and 15   e. 5, 6 and 9   f. 4, 5 and 6

   30   90   60

5. Three people are jogging around a track. Alan takes 2 minutes to complete one lap, Bilal takes 3 minutes and Carrie takes 4 minutes. They start at the same time. How many minutes will have passed when they are all together at the starting line again?

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