1. Write the first 6 multiples of each number

a. 5   b. 9   c. 7   d. 12   e. 20   f. 11   g. 50   h. 35

2. Decide whether the following statements are true or false

a. 20 is a multiple of both 5 and 10

b. The next multiple of 5 after 20 is 30

c. The multiples of 20 include 40 and 80

d. 7 is a multiple of 14

e. 16 is a multiple of only two other numbers

f. 30 is a multiple of 2, 5, 6 and 30

3. Write down three common multiples of each set of numbers

a. 8 and 10   b. 4 and 6   c. 3 and 5   d. 6 and 12   e. 10 and 25   f. 12 and 15

4. Find the lowest common multiple for each set of numbers

a. 4 and 10   b. 6 and 9   c. 12 and 20   d. 15 and 25   e. 30 and 60   f. 12 and 16

g. 2, 3 and 5   h. 3, 4 and 5   i. 10, 15 and 20   j. $6xy$ and $8x^2$ k. $10ab^2$ and $20a^2$ l. $15ef^2$ and $25e^2f$

5.

Burgers come in packs of 6. Buns come in packs of 16.
Nadine wants to buy equal amounts of hot dogs and buns.
How many packs of each should she buy?

6.

A bus leaves Durham bus station every 12 minutes.
A train leaves Durham train station every 18 minutes.
At 10am a bus and a train leave the stations at the same time.
Between 10am and 1pm, how many times do they leave together?

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