Topic: Lowest Common Multiple

Find the LCM of these sets of numbers.

Fluency

1) 5 and 12

2) 15 and 9

3) 8 and 18

4) 10 and 25

5) 18 and 27

6) 14, 21 and 6

Reasoning

There are 3 different trains running to London. One train leaves every 15 minutes, another leaves every 20 minutes, and the last one leaves every 45 minutes. They first leave at 6:15. What Time do they all leave again at the same time?

Problem Solving

The front wheels of a toy truck are 9cm in circumference. The back wheels are 12cm in circumference. If the truck travels down a long slope, in a straight line, how far will the truck have travelled when the front wheels have made 10 more revolutions than the back wheels?

R A G

ACTION

RESPONSE

Fluency

Find the LCM of these sets of numbers.

1) 5 and 12

2) 15 and 9

3) 8 and 18

4) 10 and 25

5) 18 and 27

6) 14, 21 and 6

Reasoning

There are 3 different trains running to London. One train leaves every 15 minutes, another leaves every 20 minutes, and the last one leaves every 45 minutes. They first leave at 6:15. What Time do they all leave again at the same time?

Problem Solving

The front wheels of a toy truck are 9cm in circumference. The back wheels are 12cm in circumference. If the truck travels down a long slope, in a straight line, how far will the truck have travelled when the front wheels have made 10 more revolutions than the back wheels?

R A G