

# LEAST COMMON MULTIPLE

LESSON 1.3

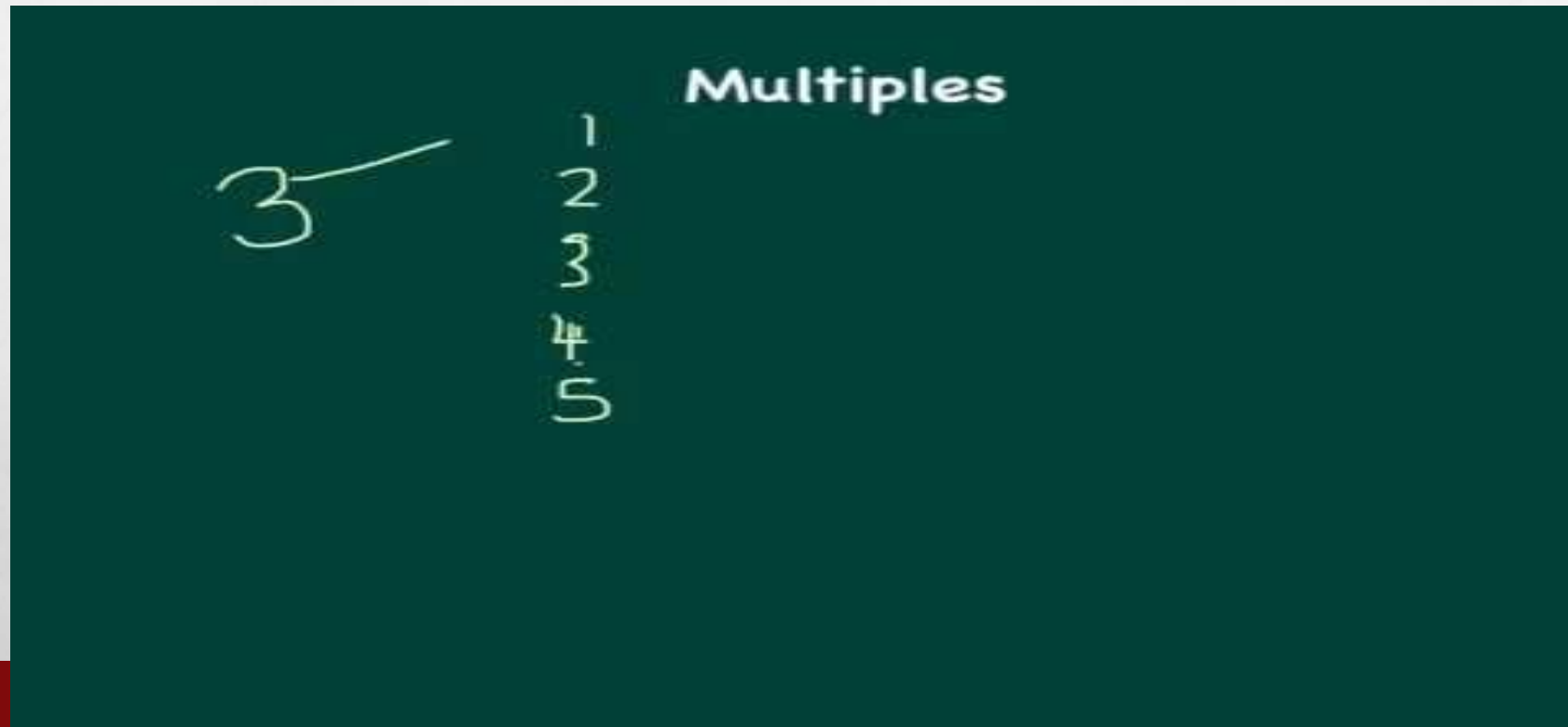


# **A B GAME**

- **GREATEST COMMON FACTOR**
- **DIVIDE EVENLY**
- **FACTOR**
- **DIFFERENCE**

# WHAT ARE MULTIPLES

[HTTPS://YOUTU.BE/HEQVOJCCATG](https://youtu.be/HEQVOJCCATG)



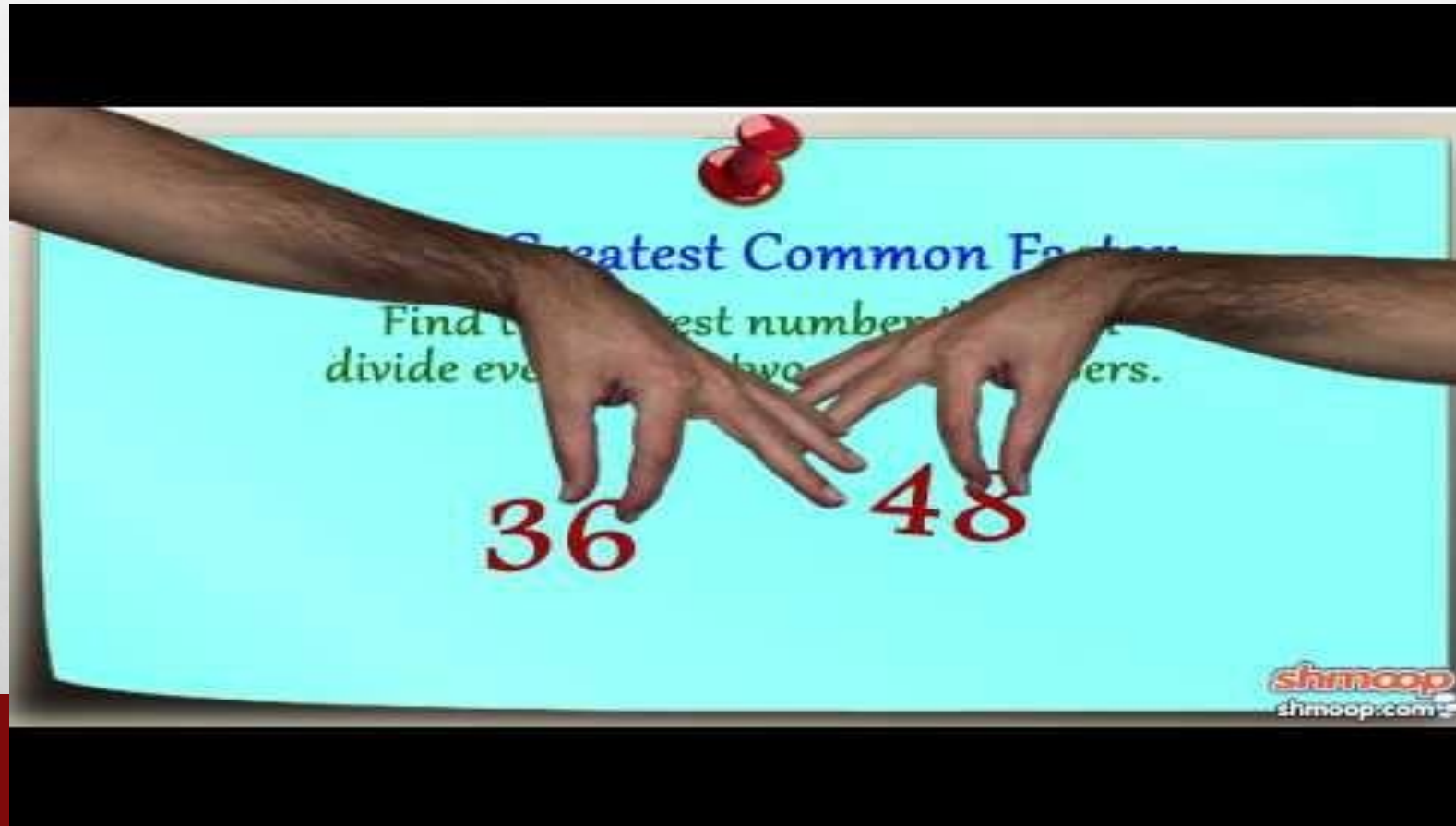
# **FINDING LEAST COMMON MULTIPLES (LCM)**

**TO FIND THE LCM WE ARE GOING TO LIST OUT THE MULTIPLES MUCH LIKE WE DID WHEN FINDING GCF.**

**NEXT, WE WILL CIRCLE THE SMALLEST NUMBER THAT IS IN BOTH LISTS. (NUMBER THEY HAVE IN COMMON)**



# HOW DO I TELL THE DIFFERENCE BETWEEN LCM AND GCF: [HTTPS://YOUTU.BE/XG9NGV08G6Q](https://youtu.be/xg9ngv08g6q)





# PRACTICE LCM ON WHITE BOARD

- **FIND THE LCM OF 6 AND 5.**
- **FIND THE LCM OF 8 AND 6**
  
- **PAIR UP WITH A FRIEND AND SHARE YOUR ANSWERS.**

# THINK PAIR SHARE

- **DID YOU GET THE SAME ANSWER?**
- **IF SO, WHAT DID YOU BOTH DO RIGHT**
- **IF NOT, WHO WAS RIGHT AND WHY**



# LCM IN THE REAL WORLD

[HTTPS://YOUTU.BE/R4HA\\_5ABTU0](https://youtu.be/r4ha_5abtu0)

At Iggy's Ice Cream Shop, they add an extra free scoop to every 12th customer. They also upgrade to a free waffle cone every 15th customer. Who is the first customer to get a free scoop of ice cream AND a free waffle cone?

12, 24, 36, 48, 60, 72

15, 30, 45, 60, 75

60th customer

# PRACTICE IN YOUR MATH NOTEBOOK

- **FIND THE LCM OF 5 AND 7**
- **FIND THE LCM OF 3 AND 4**
- **FIND THE LCM OF 3 AND 5**
- **FIND THE LCM OF 12 AND 9**
  
- **EXPLAIN (IN WRITING) THE DIFFERENCE BETWEEN LCM AND GCF.**