

9.9.15

GCF - Slot

Remember: Choose a seat for success!

1. What does GCF stand for? How do we find the GCF?

Greatest Common Factor

The largest number (variable) you can divide out of both terms.

2. Identify the GCF of each expression.

1. $3x - 3$

2. $8x - 4$

3. $5x - 25$

4. $-3x - 12$

5. $-6x + 15$

Handwritten GCFs and factored expressions:

- 3 — $3(x - 1)$
- 4 — $4(2x - 1)$
- 5 — $5(x - 5)$
- 3 — $-3(x + 4)$
- 3 — $-3(2x - 5)$

G
400
Jelly beans

U
of
Students

E/S
400 - 6
(394)

6 left over

of boys/girls
is # of Jelly beans
boys/girls received.

13 15

$$13 \cdot 13 + 15 \cdot 15 = 394$$

$$169 + 225 = 394$$

$$394 = 394 \checkmark$$