



FACTORING

trinomials (when a > 1)

I HAVE, WHO HAS?



FACTORING TRINOMIALS

"I have Who Has" Card Activity

Objective: Students will practice factoring trinomials for the form $ax^2 + bx + c$ in which $a > 1$ with this "I Have Who Has" card activity.

Directions: There are 32 total cards. Distribute one card to each student (some may get two cards if you have a smaller class). The teacher displays the first card on the board. The question is, who has a factor of that trinomial? Whoever has it raises their hand and reads the next card, and so on. I recommend having a second set of the cards to display on the board as you move through the activity. Some students need a visual at the front rather than just listening to their classmates read the cards.

SAMPLE CARDS:

1 I have
 $(x + 4)$
.....
Who has a factor of
 $4x^2 - 4x - 3$?

© Gina Wilson (All Things Algebra®), LLC, 2024

9 I have
 $(4x + 3)$
.....
Who has a factor of
 $6x^2 - 25x - 9$?

© Gina Wilson (All Things Algebra®), LLC, 2024

14 I have
 $(x - 5)$
.....
Who has a factor of
 $4x^2 + 16x + 15$?

© Gina Wilson (All Things Algebra®), LLC, 2024

16 I have
 $(2x - 7)$
.....
Who has a factor of
 $12x^2 + 17x + 6$?

© Gina Wilson (All Things Algebra®), LLC, 2024

28 I have
 $(x - 1)$
.....
Who has a factor of
 $2x^2 - x - 21$?

© Gina Wilson (All Things Algebra®), LLC, 2024

32 I have
 $(4x + 1)$
.....
Who has a factor of
 $10x^2 + 3x - 4$?

© Gina Wilson (All Things Algebra®), LLC, 2024

An answer key of the card order is included.