

Quadratic Functions Crazy Words

Factoring Quadratics

Objective: In this activity, students factor quadratic expressions with a leading coefficient of one.

How it works: Students factor each quadratic, then look for their answer in the answer bank. Each correct answer unlocks a new word that helps them complete a crazy sentence (much like Mad Libs®). If they get the right crazy sentence, you know they did it right!

Directions: Just print and share! This works great as a classwork or homework activity, and the answer bank lets students check their own along the way. Students also love the crazy sentences!

P.S. If you like this... You'll find lots of free activities like it at [ChalkDoc.com](https://www.chalkdoc.com). I've started to build a site that lets you create custom worksheets or download ready to go activities like mazes, graph attacks, word scrambles, partner work, and performance tasks. And if there's any activity you want that you don't see there, just use the Request New Topic button to ask me for it!

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Factoring Quadratics

Name: _____

Factor each quadratic. Find the matching answer in the word bank, then fill it in for the solution!

Don't _____ on my _____, you _____ of _____!
#1 #2 #3 #4 #5 #6 #7

1. $x^2 + 13x + 40$

2. $x^2 - 5x - 50$

3. $x^2 + x - 72$

4. $x^2 + 2x - 3$

5. $3x^2 + 24x + 21$

6. $-5x^2 - 25x + 70$

7. $-x^2 + 10x$

Word Bank

sudsy $3(x+1)(x+7)$ bubble $(x-8)(x+9)$

kittens $-x(x-10)$ karate $(x-10)(x+5)$

do $(x+8)(x+5)$ bowl $5(x-2)(x-7)$

a T-rex $(x-5)(x-10)$ zombified $3(x+3)(x+21)$

gum $(x-1)(x+3)$ Trix $-x(x+10)$

hairy $(x+8)(x-9)$ basket $-5(x+7)(x-2)$

Factoring Quadratics: Answer Key

Factor each quadratic. Find the matching answer in the word bank, then fill it in for the solution!

Don't do karate on my bubble gum, you sudsy basket of kittens!

#1 #2

#3 #4

#5 #6

#7

1. $x^2 + 13x + 40$

2. $x^2 - 5x - 50$

$(x+8)(x+5)$

$(x-10)(x+5)$

3. $x^2 + x - 72$

4. $x^2 + 2x - 3$

$(x-8)(x+9)$

$(x-1)(x+3)$

5. $3x^2 + 24x + 21$

6. $-5x^2 - 25x + 70$

$3(x+1)(x+7)$

$-5(x+7)(x-2)$

7. $-x^2 + 10x$

$-x(x-10)$

Word Bank

sudsy $3(x+1)(x+7)$ bubble $(x-8)(x+9)$

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