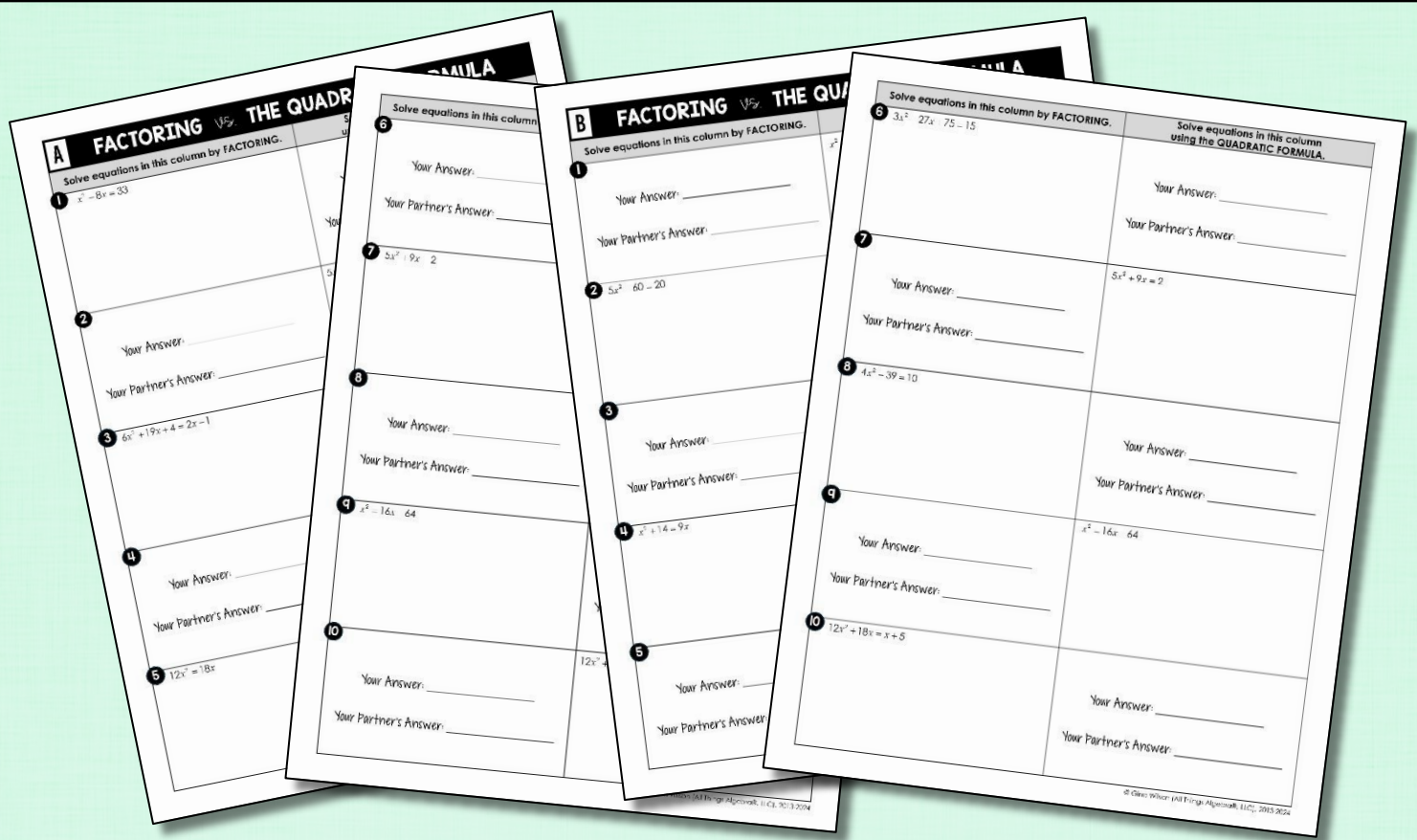




QUADRATIC EQUATIONS

Factoring vs. Quadratic Formula

PARTNER ACTIVITY



SOLVING QUADRATIC EQUATIONS

{Factoring vs. Quadratic Formula}

Partner Activity!

Objective: To practice quadratic equations by both the factoring and quadratic formula methods.

Directions: There are two versions (A and B). Partner A will solve the equation by factoring while Partner B solves the equation by the quadratic formula. Once finished, they check their answers. If they match, they move on. If they are different, they swap papers and check each other's work to identify and clarify any mistakes.

PARTNER A:

A FACTORING vs. THE QUADRATIC FORMULA	
Solve equations in this column by FACTORING.	Solve equations in this column using the QUADRATIC FORMULA.
1 $x^2 - 8x - 33$	Your Answer: _____ Your Partner's Answer: _____
2 _____ Your Answer: _____ Your Partner's Answer: _____	$5x^2 - 60 = 20$
3 $6x^2 + 19x + 4 = 2x - 1$	Your Answer: _____ Your Partner's Answer: _____
4 _____ Your Answer: _____ Your Partner's Answer: _____	$x^2 + 14 = 9x$
5 $12x^2 - 18x$	Your Answer: _____ Your Partner's Answer: _____

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PARTNER B:

B FACTORING vs. THE QUADRATIC FORMULA	
Solve equations in this column by FACTORING.	Solve equations in this column using the QUADRATIC FORMULA.
1 _____ Your Answer: _____ Your Partner's Answer: _____	$x^2 - 8x - 33$
2 $5x^2 - 60 = 20$	Your Answer: _____ Your Partner's Answer: _____
3 _____ Your Answer: _____ Your Partner's Answer: _____	$6x^2 + 19x + 4 = 2x - 1$
4 $x^2 + 14 = 9x$	Your Answer: _____ Your Partner's Answer: _____
5 _____ Your Answer: _____ Your Partner's Answer: _____	$12x^2 - 18x$

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