

Simplifying Radicals Maze

FREE!

Simplifying Radicals Maze Name _____

start

Simplifying Radicals Maze Name _____ ANSWER

start

$\sqrt{320}$ $4\sqrt{20}$ $\sqrt{20}$ $2\sqrt{5}$ $\sqrt{28}$ $7\sqrt{2}$ $\sqrt{15}$ $\sqrt{5}$ $\sqrt{72}$

$8\sqrt{5}$ $2\sqrt{10}$ $2\sqrt{7}$ 9 $3\sqrt{8}$

$\sqrt{162}$ $9\sqrt{2}$ $\sqrt{108}$ $3\sqrt{6}$ $\sqrt{81}$ 9 $\sqrt{27}$ $3\sqrt{3}$ $\sqrt{18}$ $\sqrt{81}$ 9 $\sqrt{27}$ $3\sqrt{3}$

18 $6\sqrt{3}$ $30\sqrt{10}$ $2\sqrt{2}$ $3\sqrt{2}$ $\sqrt{196}$ 300 $10\sqrt{3}$ $\sqrt{8}$ $3\sqrt{2}$ $\sqrt{196}$

$\sqrt{18}$ $2\sqrt{3}$ $\sqrt{125}$ 25 $\sqrt{300}$ $10\sqrt{3}$ $\sqrt{8}$ $3\sqrt{2}$ $\sqrt{196}$ 300 $10\sqrt{3}$ $\sqrt{8}$ $3\sqrt{2}$ $\sqrt{196}$

$3\sqrt{2}$ $5\sqrt{5}$ $11\sqrt{6}$ $4\sqrt{2}$ 14 $\sqrt{196}$ 300 $10\sqrt{3}$ $\sqrt{8}$ $3\sqrt{2}$ $\sqrt{196}$

$\sqrt{432}$ $3\sqrt{7}$ $\sqrt{63}$ $7\sqrt{3}$ $\sqrt{726}$ $8\sqrt{5}$ $\sqrt{27}$ $3\sqrt{3}$ $\sqrt{30}$ $\sqrt{27}$ $3\sqrt{3}$ $\sqrt{30}$ $\sqrt{30}$

$12\sqrt{3}$ $9\sqrt{7}$ $4\sqrt{5}$ 15 $\sqrt{16}$ $\sqrt{45}$ $3\sqrt{15}$ $\sqrt{16}$

$\sqrt{112}$ $4\sqrt{7}$ $3\sqrt{5}$ 4

$7\sqrt{4}$ $2\sqrt{7}$ $\sqrt{75}$ $5\sqrt{3}$ $\sqrt{70}$ $7\sqrt{10}$ $\sqrt{85}$ 70 $7\sqrt{10}$ $\sqrt{85}$

$\sqrt{8}$ $2\sqrt{2}$ $\sqrt{14}$ $\sqrt{14}$ $\sqrt{75}$ $5\sqrt{3}$ $\sqrt{70}$ $7\sqrt{10}$ $\sqrt{85}$ 70 $7\sqrt{10}$ $\sqrt{85}$

1 Maze with Answers

These mazes are more engaging than a plain old worksheet or assignment from the text book.

This file includes 1 maze for simplifying radicals

Directions: Start in top left corner and choose the correct answers to determine the path. The maze ends where a box has no correct answer choice.

Students can use a colored pencil to shade the path, or a marker to outline the path.

I've created several mazes that I use in an algebra remediation class where I return work until it is completely correct. Students start by shading with yellow, if I return it, they shade with a darker color, if I return it again they outline with a marker.

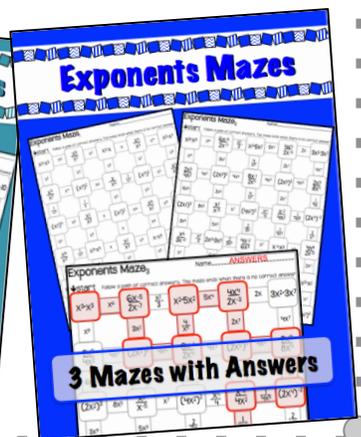
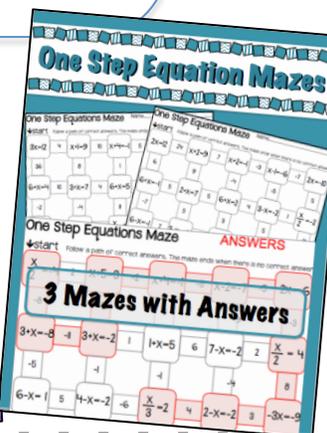
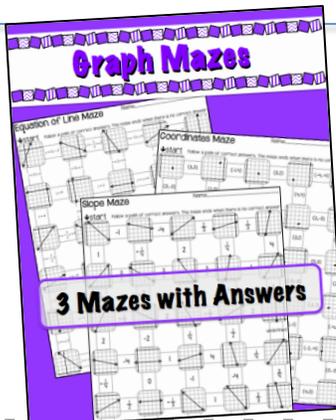
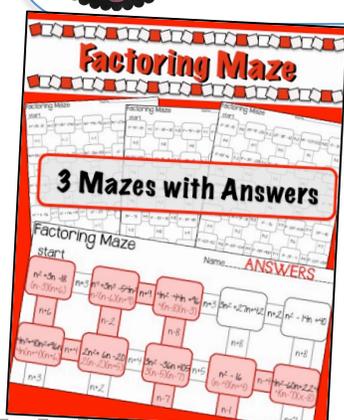
I like for students to figure out where the maze ends. Some teachers might like to mark the ending space before making copies.

Check out my store for other mazes at reasonable prices.



Fonts by Kimberly Geswein
Janda Safe & Sound

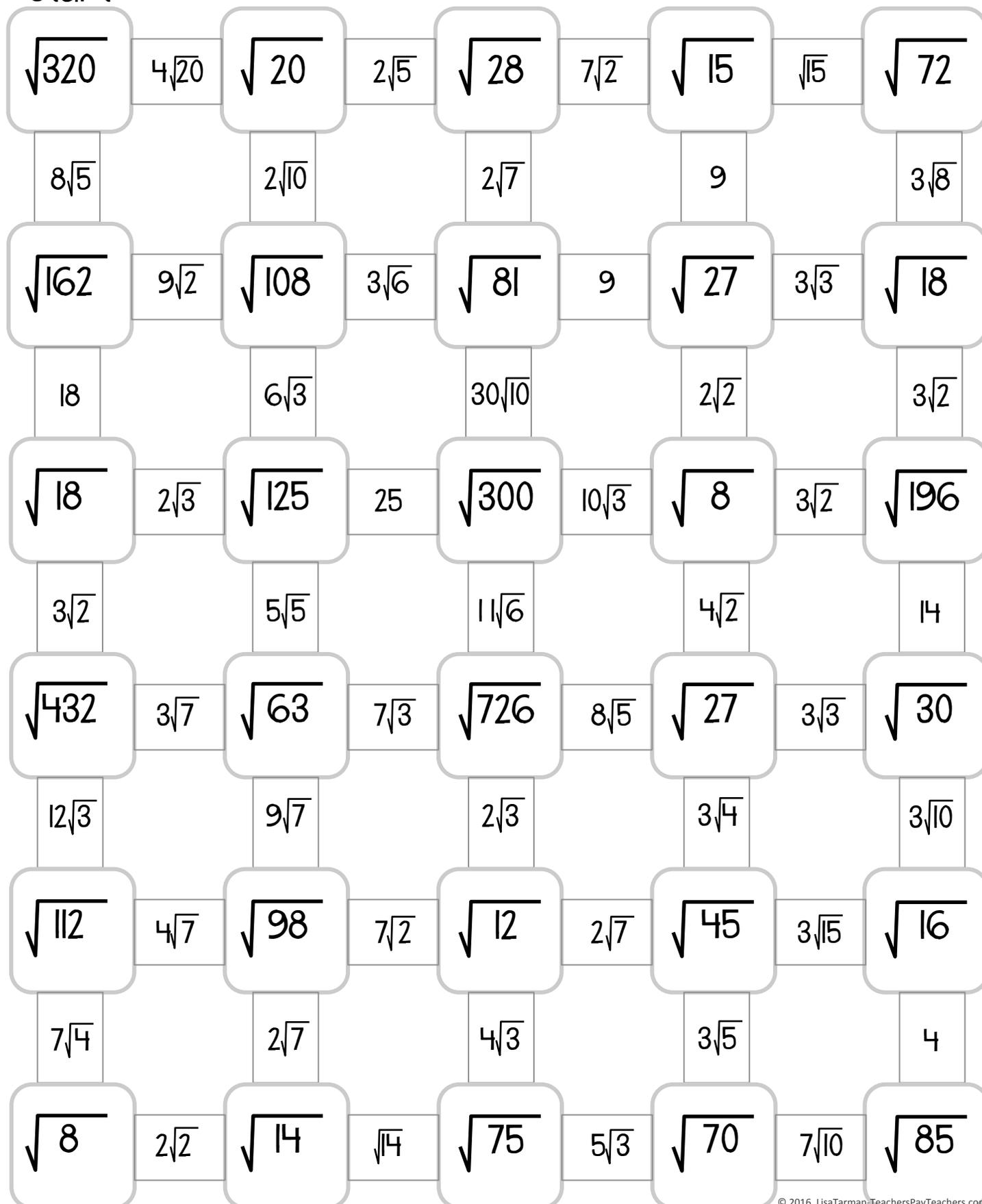
Lisa Tarman 😊



Simplifying Radicals Maze

Name _____

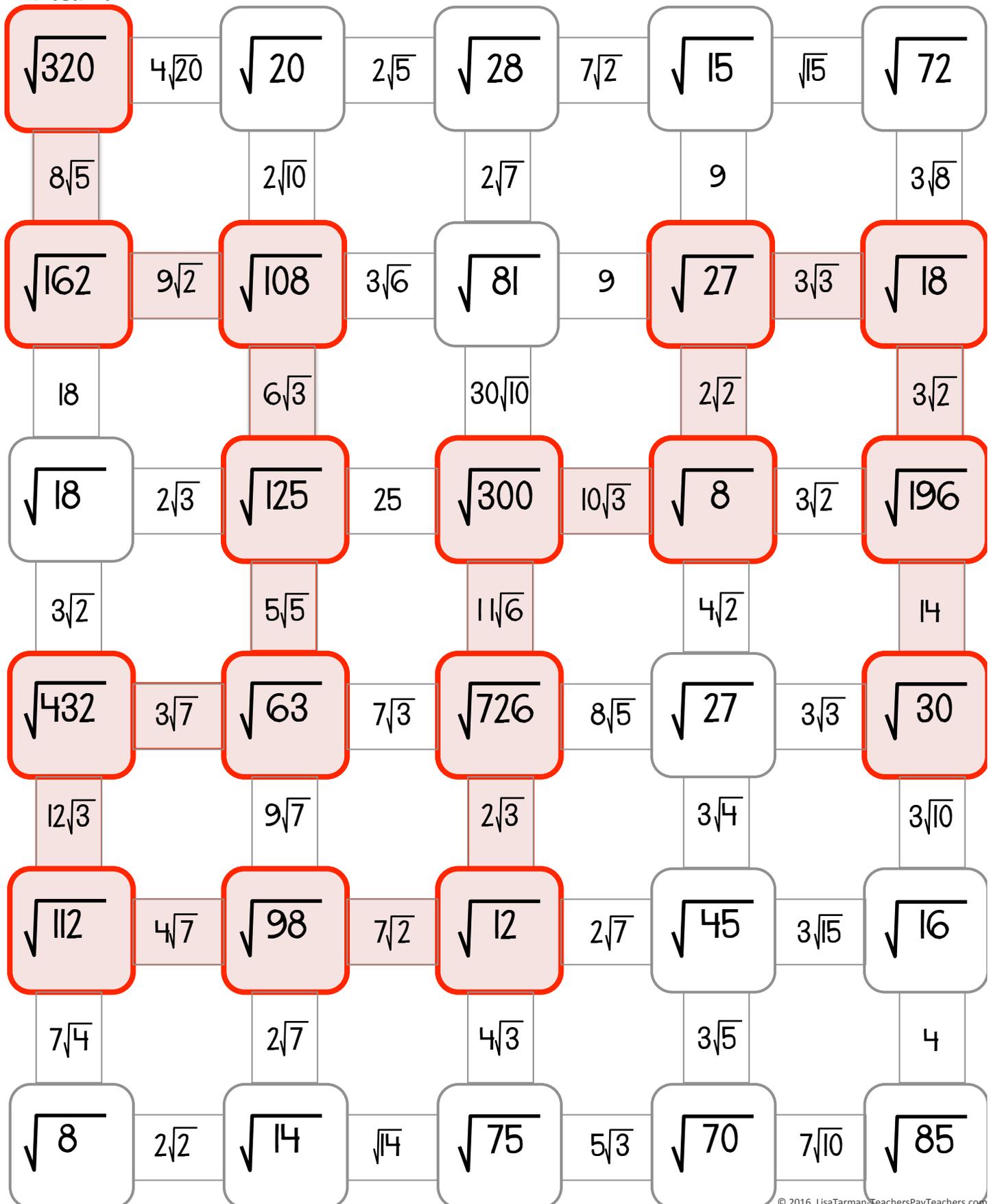
start



Simplifying Radicals Maze

Name _____ **ANSWERS**

start



Thanks for downloading this!

Please visit my store to leave feedback and check out some of my other products.

Lisa Tarman 😊

Algebra Bellwork PowerPoint



16 topics
48 days

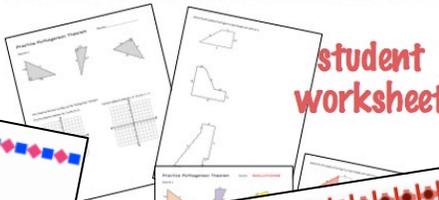
Each day has 2 or 3 problems followed by animated solutions

Take the **TEACHER** work out of **BELLWORK**

3. $-2x + 12 = -(3 + 5x)$
 $-2x + 12 = -3 - 5x$
 $+3 + 3$
 $+3 + 2x$
 $-3x$

Pythagorean Theorem Practice

student worksheet



Simplifying Square Roots Powerpoint

Simplifying Square Root

A square root radical is in simplest form when the radicand has no square factors.

Look for the biggest square that are factors.

$$\sqrt{32} = \sqrt{16 \cdot 2}$$
$$= \sqrt{16} \cdot \sqrt{2}$$
$$= 4\sqrt{2}$$

4, 8, 16, 25, 36

Don't forget to check for perfect squares!

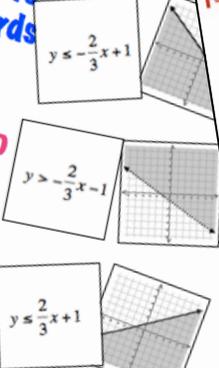
Don't forget to check for perfect squares!

Inequalities Matching Cards

Cut 2 sheets into 40 cards

Match equations to graphs

Flip cards to check answers

$$y \leq -\frac{2}{3}x + 1$$
$$y > -\frac{2}{3}x - 1$$
$$y \leq \frac{2}{3}x + 1$$


Estimating Square Roots Worksheet

Scaffolded for independent learning or review

See the whole thing in preview!

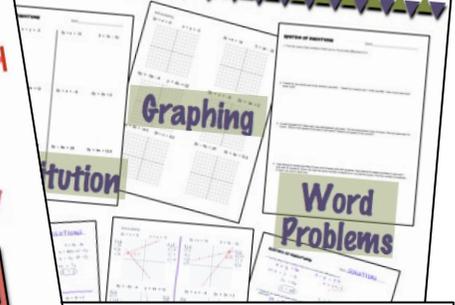


Systems of Equations

Graphing

Substitution

Word Problems



FOIL Method Powerpoint w/ worksheet

FOIL METHOD

first
outer
inner
last

$$1. (2a - 3)(a + 4)$$
$$2a^2 + 8a - 3a - 12$$
$$2a^2 + 5a - 12$$

4. $(4k - m^2)(3k^2 - 5k^2m)$

There are no like terms to combine.

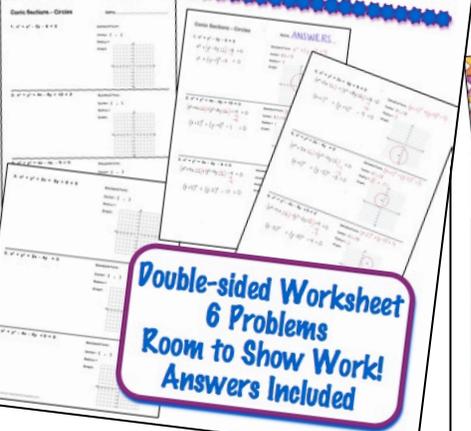
20k³ - 12mk² - 5m²k²

20k³ - 12mk² - 5m²k²

4 Guided Practice
6 Independent Practice

Conic Sections - Circles

Double-sided Worksheet
6 Problems
Room to Show Work!
Answers Included



Line of Best Fit Powerpoint

17 slides
3 Examples
Simple Instructions
Lead students to:

- Draw good line
- Write Equation
- Answer Question

Simple Student Handout

What will the distance be when the time is 19 s?

$$y = 3.6x + 9$$
$$y = 3.6(19) + 9$$
$$y = 68.4 + 9$$
$$y = 77.4 \text{ m}$$

From the line of best fit, write the equation of the line, and predict the age of a business owner that earns \$100,000.

$$y = mx + b$$
$$y = 1900x + 22000$$
$$100000 = 1900x + 22000$$
$$78000 = 1900x$$
$$72.6 \text{ yr} = x$$