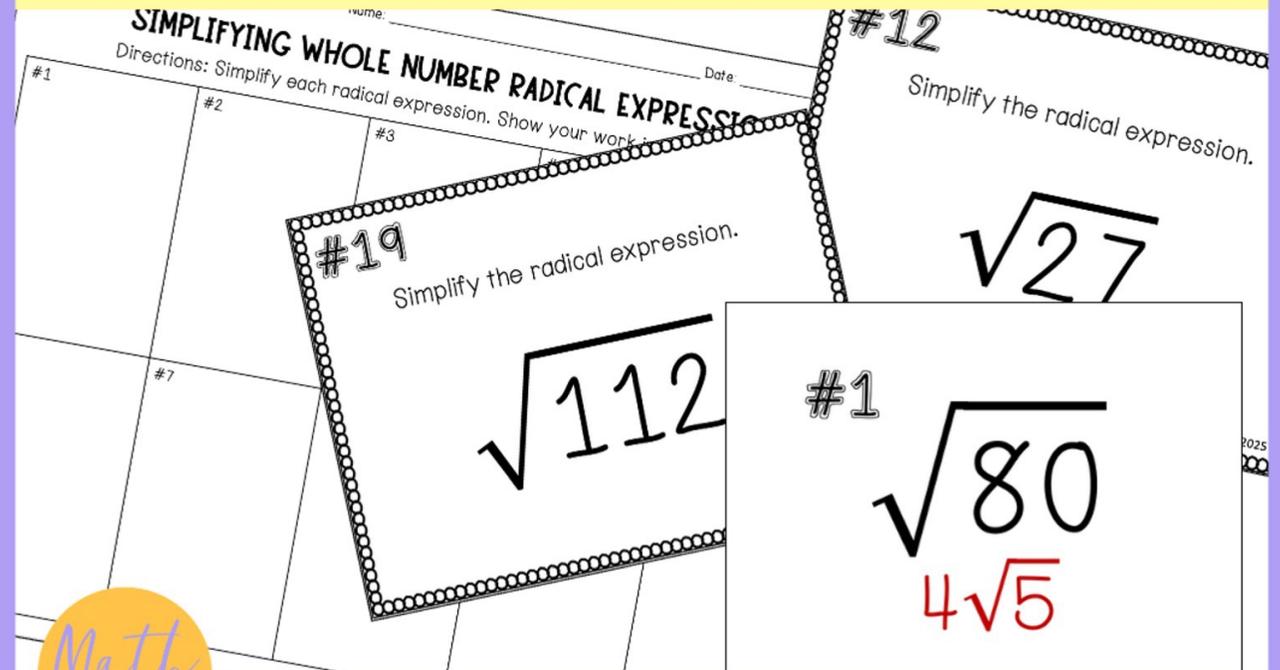


keep scrolling to  
get a sneak peek!

Help your Algebra 1 students practice **simplifying square root radical expressions** with this task card activity! Your students are going to love this self-checking activity!

# SIMPLIFYING SQUARE ROOT RADICALS

20 Task Cards



Answers printed on the back!

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Why do you need this?



Task cards are an effective, low-prep way to create engaging and interactive learning experience



Task cards are very versatile because they cater to a wide range of student needs

# Simplifying Square Roots Task Cards

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Pd: \_\_\_\_\_

## SIMPLIFYING WHOLE NUMBER RADICAL EXPRESSIONS

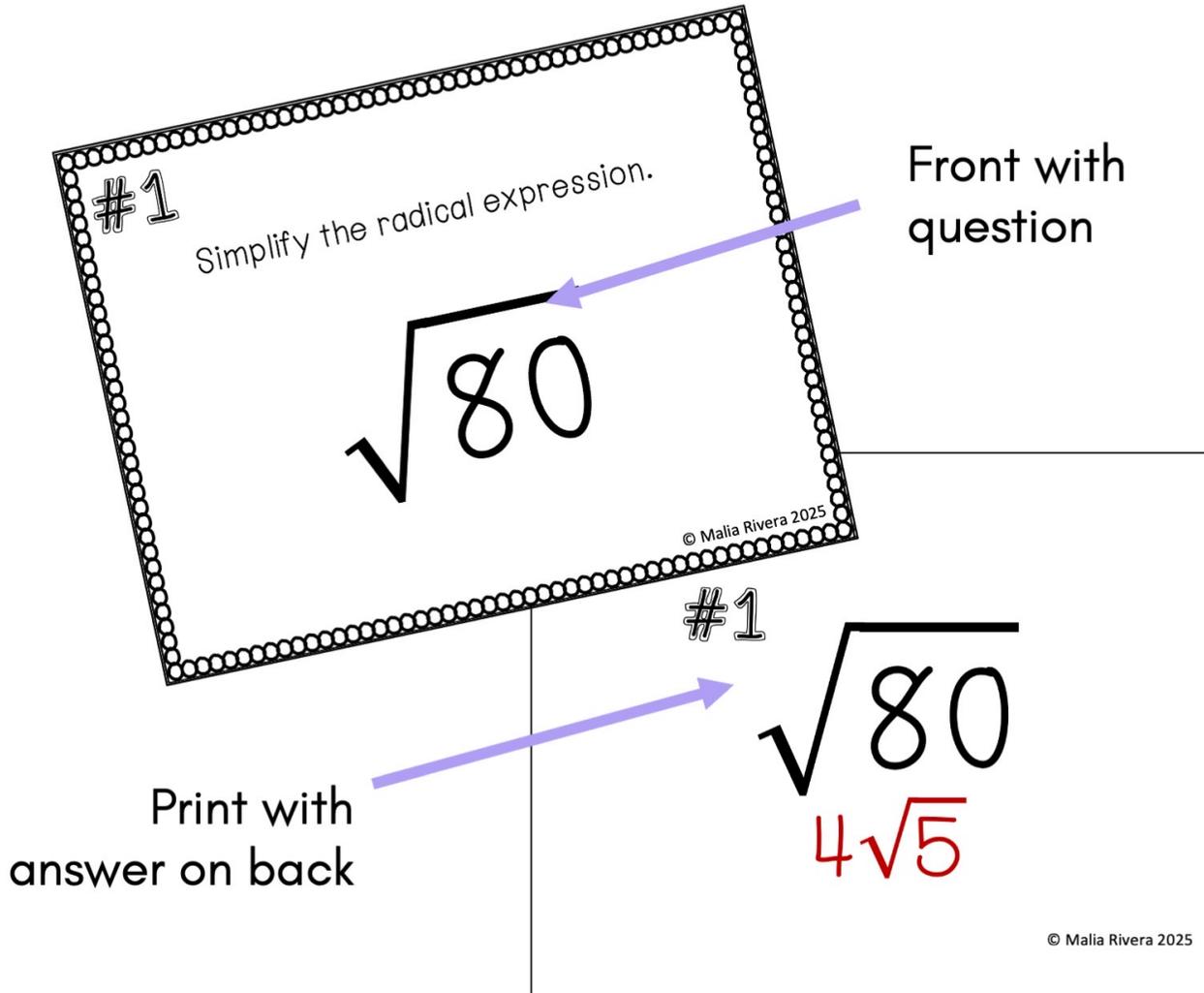
Directions: Simplify each radical expression. Show your work in the boxes below.

#1	#2	#3	#4	#5
#6	#7	#8	#9	#10

#12  
Simplify the radical expression.  
 $\sqrt{27}$   
© Malia Rivera 2025

#19  
Simplify the radical expression.  
 $\sqrt{112}$   
© Malia Rivera 2025

# Simplifying Square Roots Task Cards *includes:*



- ✓ set of 20 task cards
- ✓ a recording sheet for students to show their work
- ✓ answer key
- ✓ Printing tips to print the answers on the back of the corresponding question cards

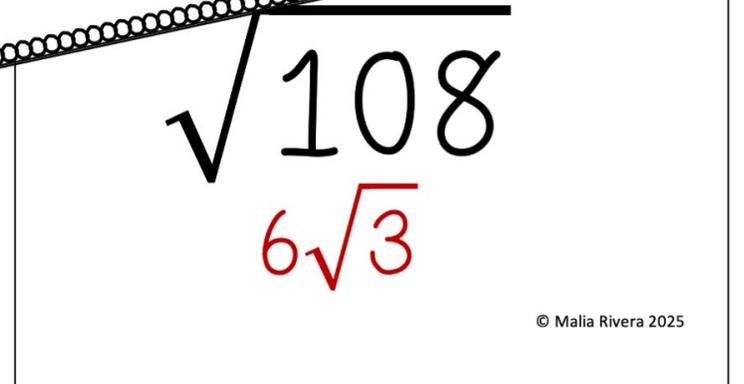
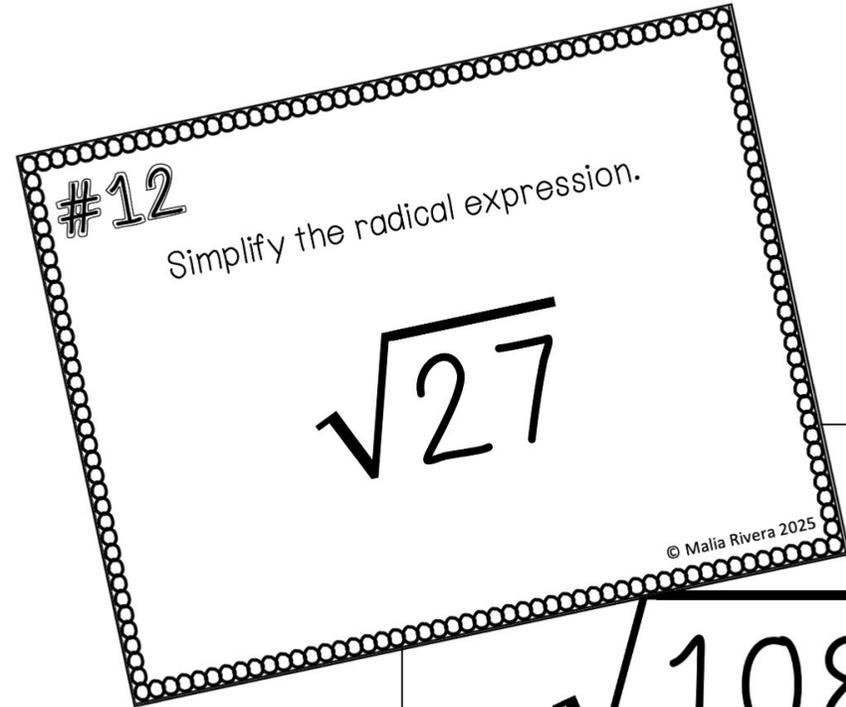
# Simplifying Square Roots Task Cards

standards covered:

**CCSS:** 8.EE.A.2, HSN-RN.A.2

**TEKs:** A1.11.A

**VA SOLs:** EO.A.3.a



# how to use this resource

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Pd: \_\_\_\_\_

## SIMPLIFYING WHOLE NUMBER RADICAL EXPRESSIONS

Directions: Simplify each radical expression. Show your work in the boxes below.

#1	#2	#3	#4	#5
			#9	#10

#19  
Simplify the radical expression.

$$\sqrt{112}$$

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## TIPS FOR USE

When printing this set of task cards, be sure to select "short-edged binding" when printing on both sides. This will allow the answers to be printing on the back of the corresponding card.

After printing, I highly recommend laminating the task cards to they can be used in the future.

their work on  
to can

This is a great individual practice activity to use when reviewing how to simplify square root radicals.

You can also use this in small groups, match centers, or as a scavenger hunt.

This is also a **substitute-friendly** assignment!

You may also enjoy ...

## SOLVING & GRAPHING ONE STEP INEQUALITIES

**SOLVE & GRAPH THE INEQUALITY**

$x + 7 < 8$

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MATH with Ms. Rivera

## ONE STEP INEQUALITIES PIXEL ART

#	Question	Answer
1	$m - 15 \geq 5$	
2	$8 \leq \frac{w}{8}$	
3	$18 < f - 2$	
4	$\frac{y}{12} < 4$	
5	$6 < r + 6$	
6	$10 > 7 + x$	
7	$n + 1 \leq 6$	
8	$9x \leq 18$	
9	$p + 3 > 9$	
10	$4 \leq \frac{g}{3}$	
11	$k - 13 \leq 7$	
12	$15 > 5x$	

Directions: Answer each question correctly and pixels will appear to reveal a picture!

Use these symbols to help you:  
To write  $\geq$ , use  $>=$   
To write  $\leq$ , use  $<=$

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Self-Checking

## ONE STEP INEQUALITIES SELF-CHECKING

Directions: Solve each question. Use the key below to help format your answers. If you get the answer correct, the box next to it will turn green. If you answer the question incorrectly, it will turn red.

To write  $\leq$ , use  $<=$       To write  $\geq$ , use  $>=$

Q#	Question	Answer	Q#	Question	Answer	Q#	Question	Answer
1	$x + 3 \geq 8$		4	$6x > 0$		7	$7x < 42$	
2	$121 \geq 11x$		5	$\frac{x}{5} \leq 2$		8	$x - 10 < 31$	
3	$4 > \frac{x}{3}$		6	$40 \geq 27 + x$		9	$13 \leq \frac{x}{2}$	

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MATH with Ms. Rivera

Self-Checking



hey there!

My name is Malia and I'm passionate about making learning and practicing math fun. I love creating engaging math resources for my students and I hope your students enjoy this activity too!

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