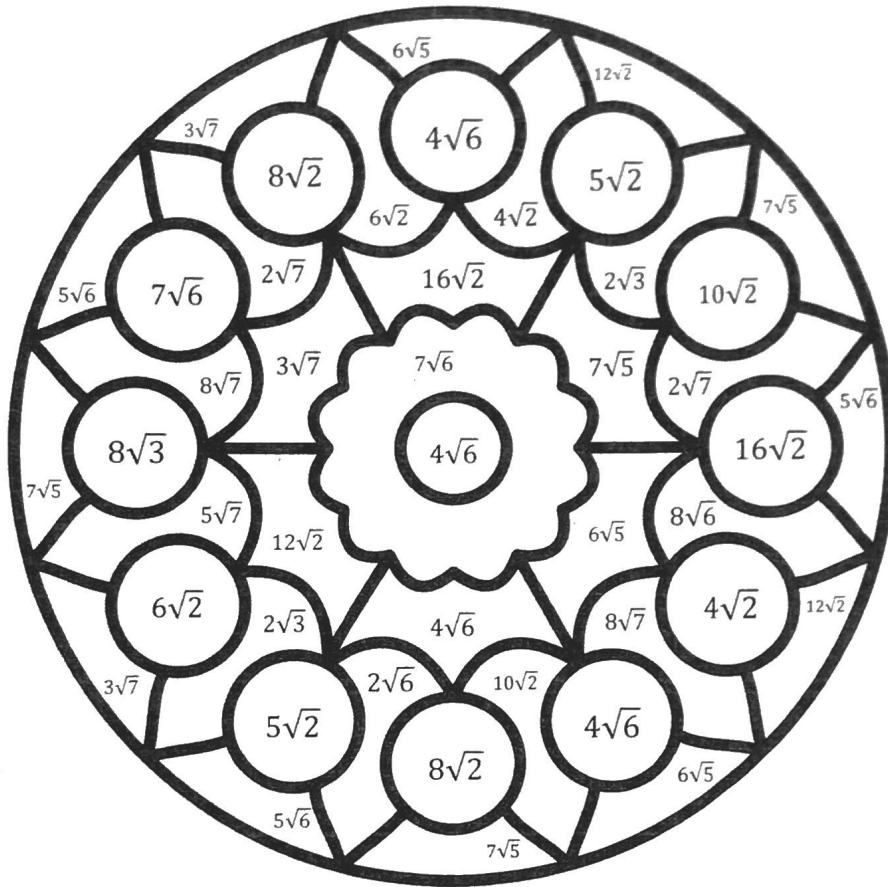


Name: \_\_\_\_\_

# Color by Number: Simplifying Radicals

Directions: Simplify the radicals below. The answers to each problem are inside the picture. Color the picture using the colors given for each column of problems.



GREEN:

- 1)  $\sqrt{50}$
- 2)  $\sqrt{128}$
- 3)  $\sqrt{512}$
- 4)  $\sqrt{96}$
- 5)  $\sqrt{192}$

PURPLE:

- 6)  $\sqrt{448}$
- 7)  $\sqrt{28}$
- 8)  $\sqrt{175}$
- 9)  $\sqrt{384}$
- 10)  $\sqrt{12}$

ORANGE:

- 11)  $\sqrt{63}$
- 12)  $\sqrt{180}$
- 13)  $\sqrt{245}$
- 14)  $\sqrt{150}$
- 15) 288

BLUE:

- 16)  $\sqrt{72}$
- 17)  $\sqrt{32}$
- 18)  $\sqrt{24}$
- 19)  $\sqrt{294}$
- 20)  $\sqrt{200}$