

Name

Period

Score	%	/10

Sec1H**HW 5-1
Simplifying Radicals**

Simplify each of the following radicals:

1. $\sqrt{18}$

2. $\sqrt{75}$

3. $\sqrt{64}$

4. $3\sqrt{80}$

5. $-4\sqrt{45}$

6. $5\sqrt{27}$

7. $-2\sqrt{12}$

8. $\sqrt{32x^3}$

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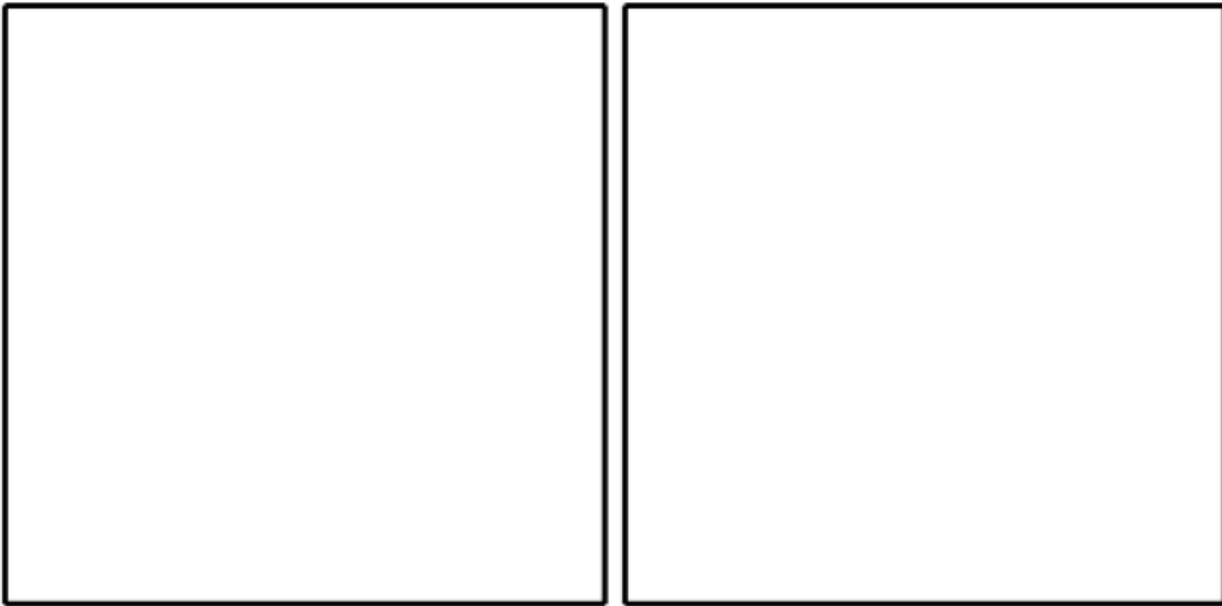
8. $\sqrt{32x^3}$

9. $\sqrt{294x^5}$

10. $\sqrt{12x^4}$

11. $\sqrt{16x}$

12. This square has an area of 72. Find 2 ways to represent the area/side length of this square beside 72.



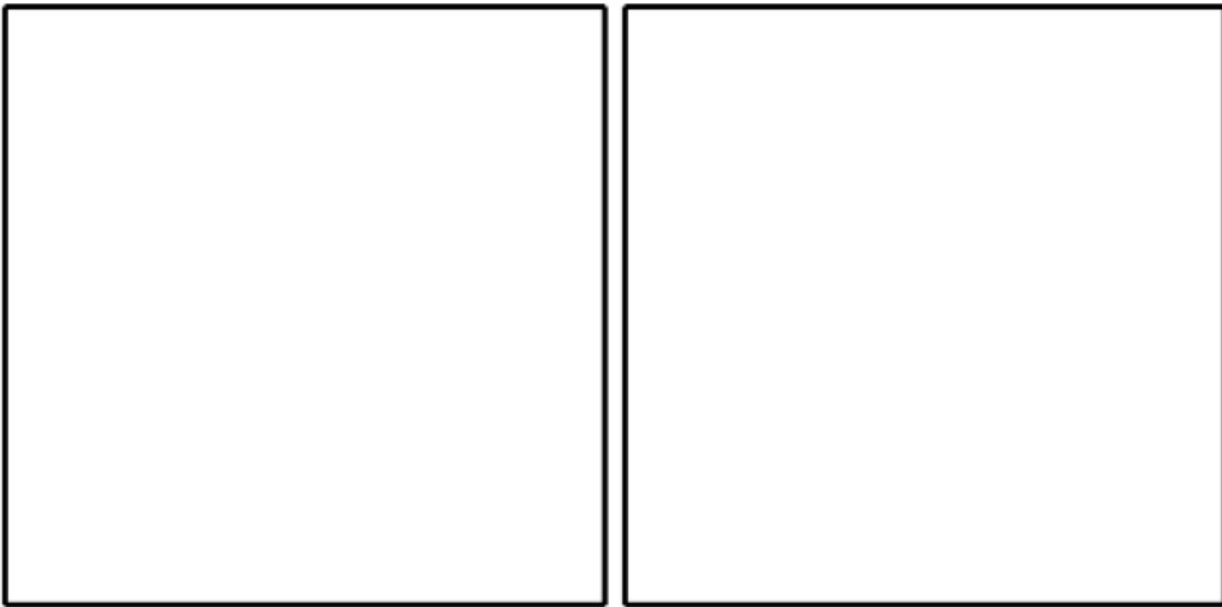
Show how you can solve this algebraically. (Use factoring)

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