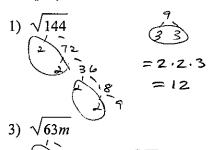
Algebra 1 ECA Remediation

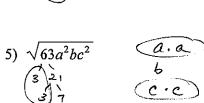
Name Answer Key

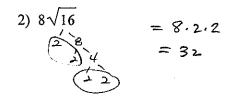
Homework 29.2

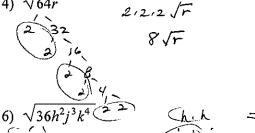
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Simplify.











7) Molly's school is selling tickets to a choral performance. On the first day of ticket sales the school sold 14 senior citizen tickets and 13 student tickets for a total of \$248. The school took in \$240 on the second day by selling 14 senior citizen tickets and 11 student tickets. What is the price each of one senior citizen ticket and one student ticket?

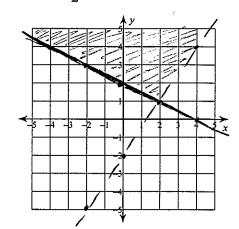
$$14C + 13S = 248$$

$$-14C + 11S = -240$$

$$\frac{23 = 8}{2} = 8 = 4$$

Sketch the solution to each system of inequalities.

8)
$$y > \frac{3}{2}x - 2$$
 $y \ge -\frac{1}{2}x + 2$



①
$$m = \frac{3}{2}$$

 $b = -2$

dashed above

	Day 1	Day 2
Senior Citiza Student	14	14
	13	и
	248	240

$$14c + 13(4) = 248$$

$$14c + 52 = 248$$

$$-52 - 52$$

$$14c = 196$$

$$14$$

$$14$$

$$C = 14$$

Answers to Homework 29.2

- 1) 12
- 5) $3ac\sqrt{7b}$ 8)
- 2) 32 6) $6k^2hj\sqrt{j}$

- 3) $3\sqrt{7m}$ 4) $8\sqrt{r}$ 7) senior citizen ticket: \$14, student ticket: \$4