Complete each part on the designated day in your Study Guide Packet.

Problems must be written out, numbered, show work, and have final answer boxed for credit.

**Part 2**

1. $\sqrt{75}$
2. $2\sqrt{30}$
3. $3\sqrt{24x}$
4. $\sqrt{512k^{2}}$
5. $\sqrt{100v^{3}}$
6. $2\sqrt{200m^{4}n}$
7. $-10\sqrt{11}-11\sqrt{11}$
8. $-\sqrt{12}+3\sqrt{3}$
9. $-4\sqrt{4x}∙\sqrt{7}$
10. $\sqrt{21r}(5+\sqrt{7})$
11. $(-2\sqrt{3}+2)(\sqrt{3}-5)$