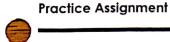
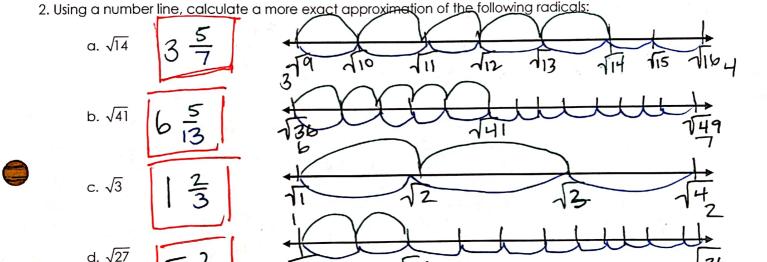
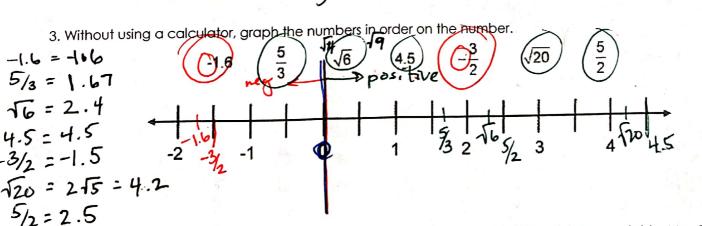
75



1. Estimate the square root of each number to the two whole numbers that it lays between. Then state if it is closer to the lower or high whole number.

- \_. It is closer to  $\underline{3}$ a. The square root of  $\sqrt{11}$  is between
- 6. It is closer to 6. b. The square root of  $\sqrt{32}$  is between \_
- It is closer to 9..... c. The square root of  $\sqrt{85}$  is between \_
- **8**\_. It is closer to \_ d. The square root of  $\sqrt{62}$  is between \_



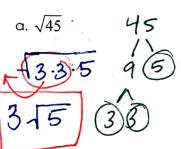


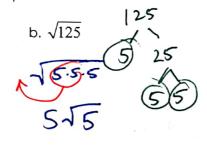
4. After a crack in the sheetrock was repaired on a the square wall behind the dining room table, Mrs. Gonzalez decided to go ahead and paint the wall. The area of the wall was 78 ft2. What was the estimated length of one side of the wall?

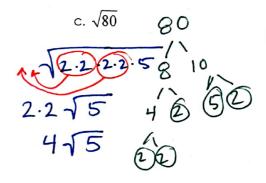
B. 8.3 ft

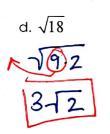


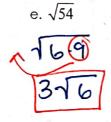
Foundations of Algebra U1 5. Simplify the following radicals (Pick 4):

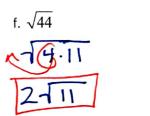












6. Simplify the following radicals (Pick 4):

a. 
$$4\sqrt{36}$$

b. 
$$-7\sqrt{20}$$

c. 
$$6\sqrt{75}$$

d. 
$$8\sqrt{24}$$

e. 
$$3\sqrt{50}$$

f. 
$$-5\sqrt{54}$$