NAME

DATE

PERIOD

Unit 3, Lesson 15: Finding This Percent of That

- - b. If x represents a number, does $\frac{2}{5} \cdot x$ always represent 40% of that number? Explain your reasoning. 2 = 400



- 2. Han spent 75 minutes practicing the piano over the weekend. For each question, explain or show your reasoning.
 - a. Priya practiced the violin for 152% as much time as Han practiced the piano. How long did she practice?

$$\frac{152}{100} \cdot \frac{75}{1} = 114 \text{ min}$$
or $1^{\circ}/_{0} = 45$
 $= 75 \times 152 = 114 \text{ min}$

b. Tyler practiced the clarinet for 64% as much time as Han practiced the piano. How long did he practice?

$$\frac{64}{100} \cdot \frac{75}{1} = 48 \text{ min}$$

$$1^{9} \cdot \frac{5}{100} \cdot \frac{75}{100} \times \frac{100}{100} \times$$

- 3. Last Sunday 1,575 people visited the amusement park. 56% of the visitors were adults, 16% were teenagers, and 28% were children ages 12 and under. Find the number of adults, teenagers, and 1575 x 56 = 882 adults 1575 x 16 = 252 children that visited the park.



