Name _____   My Homework _____

Independent Practice

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Write an equation for each problem. Then solve. Round to the nearest tenth if necessary. (Examples 1–3)

1 75 is what percent of 150? _____

2. 84 is 60% of what number? **140**
$84 = 0.6 \cdot w$

3. What number is 65% of 98? _____

4. Find 39% of 65. **25.4**
$p = 0.39 \cdot 65$

5. Find 24% of 25. _____

6. What number is 53% of 470? **249.1**
$p = 0.53 \cdot 470$

7. Ruben bought 6 new books for his collection. This increased his collection by 12%. How many books did he have before his purchases? (Example 4)
_____

8. A store sold 550 video games during the month of December. If this made up 12.5% of its yearly video game sales, about how many video games did the store sell all year? (Example 4)
4,400 games

9 CCSS **Persevere with Problems** About 142 million people in the United States watch online videos. Use the graph that shows what type of videos they watch.

a. About what percent of viewers watch comedy, jokes, and bloopers? _____

b. About what percent watch news stories?
_____

Online Video Viewers

Type	Millions of Viewers
Movie Previews	39.76
News Stories	44.02
Clips on Video Sharing Sites	46.86
Music Videos	51.12
Comedy, jokes, bloopers	52.54

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