Percent and Estimation   Lesson 2.2

- Sometimes an exact answer is not needed when using percent. To <u>estimate the percent of a number</u>, you can use a **fraction** or a *multiple of 10% or 1%.*

<u>Example 1:</u> **Estimate 77% of 800.**

Steps in Words	Steps in Math
77% is about _____ %. Write the estimated % as a fraction.	
Multiply.	
Solution.	

<u>Example 2:</u> **Estimate 137% of 50.**

Steps in Words	Steps in Math
137% is about _____ %. Write the estimated % as a fraction.	
Multiply.	
Solution.	

Example 3: **Estimate 0.5% of 692.**

Steps in Words	Steps in Math
692 is about _____	
Multiply	
Solution.	

Independent Practice

DIRECTIONS: Estimate.

1. 150% of 179

2. 67% of 450

3. 79% of 590

4. 0.4% of 200

5. 42% of 61

6. 19% of 41