

**6.6 Discounts & Markups**

EQ: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Discount:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(% · original price)**

**Markup:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

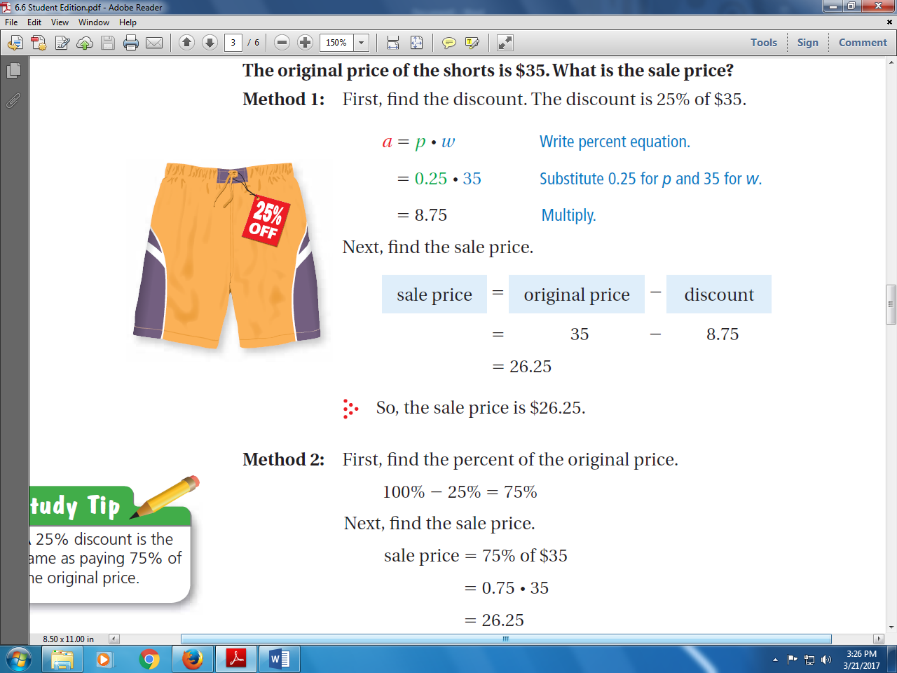
**(% of markup · price store paid)**

**Sale Price-**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Original Price-**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Selling Price-** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FINDING A SALE PRICE:**

**Step 1-** Find the **discount** **(% · original price)**

**Step 2-** Subtract the discount from the original price.

**(original price-discount)**

**Example: 1 The original price of the shorts was $35.**

**What was the sale price?**

**Step 1-** **(% · original price) =**

**Step 2- (original price-discount) =**

**Therefore, the sale price of the shorts is**

**FINDING AN ORIGINAL PRICE:**

**Step 1-** Subtract the sale percent from 100% **(100% - sale %)**

**Step 2-** Divide the sale price by the percent from step 1.

**(sale price % from step 1)**

**Example: 2 What is the original price of the shoes if they**

**were 40% off and the sale price is $33?**

**Step 1-** **(100% - sale %)**

(change to decimal)

**Step 2- (sale price % from step 1) =**

**Therefore, the original price of the shoes is**

**FINDING A SELLING PRICE:**

**Step 1-** Find the markup **(% of markup · price store paid)**

**Step 2-** Add the markup to the price the store paid.

**(markup + price store paid)**

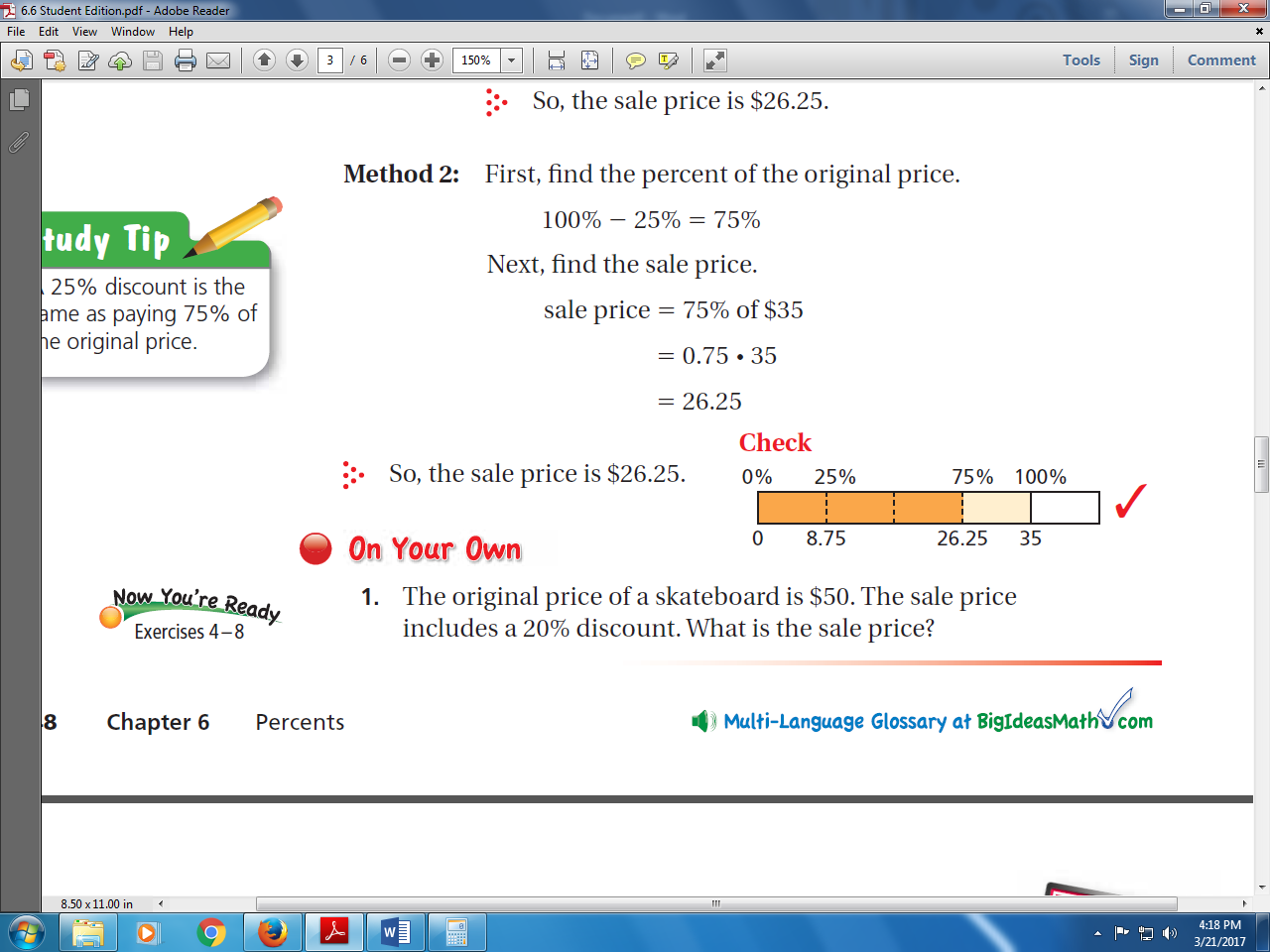
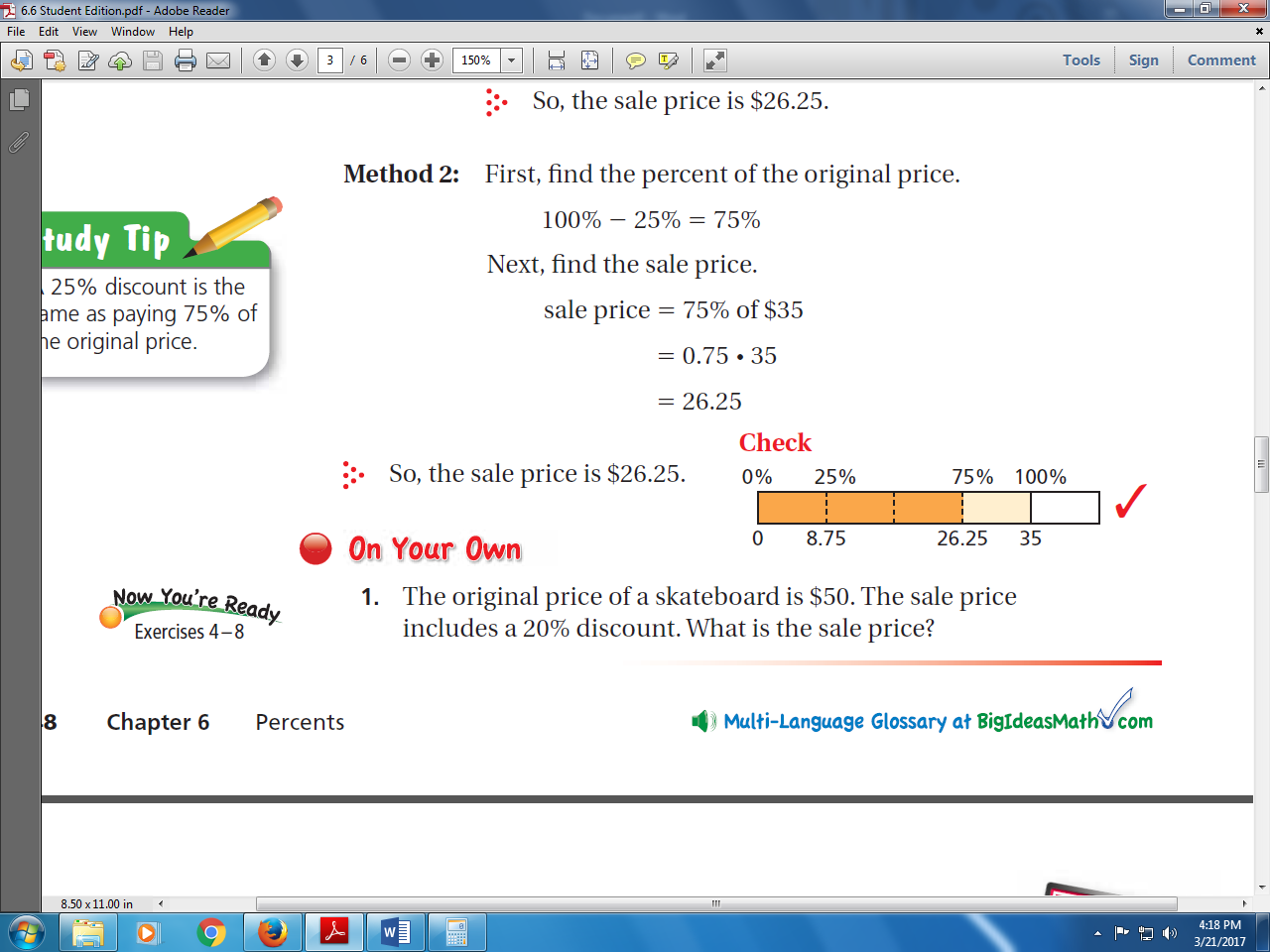
**Example: 3** **A store pays $70 for a bicycle.**

**The percent of markup is 20%**

**Step 1-** **(% of markup · price store paid) =**

**Step 2- (markup + price store paid) =**

**Therefore, the selling price of the shoes is**

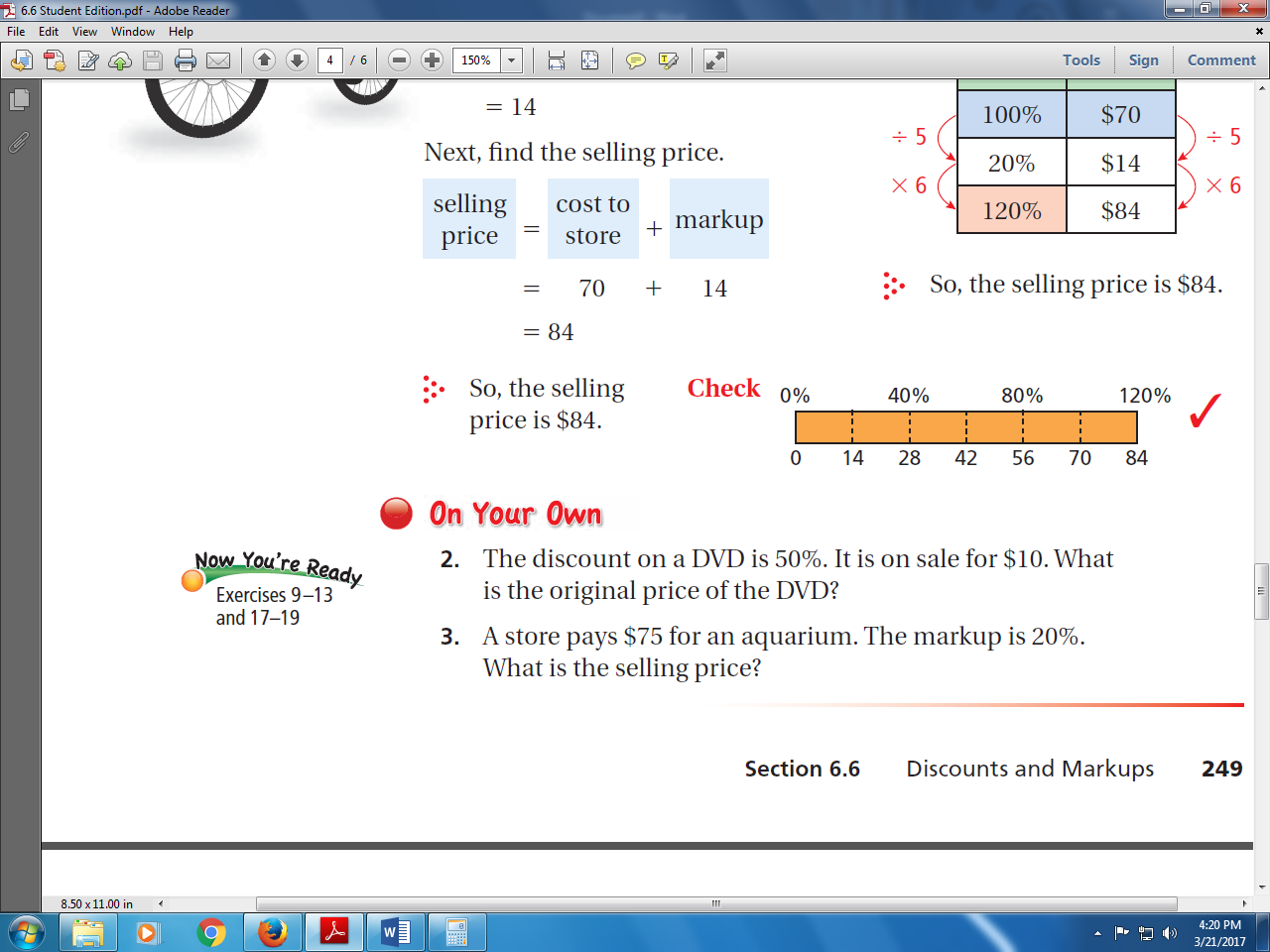


**Like example 1**

**Step 1-**

**Step 2-**

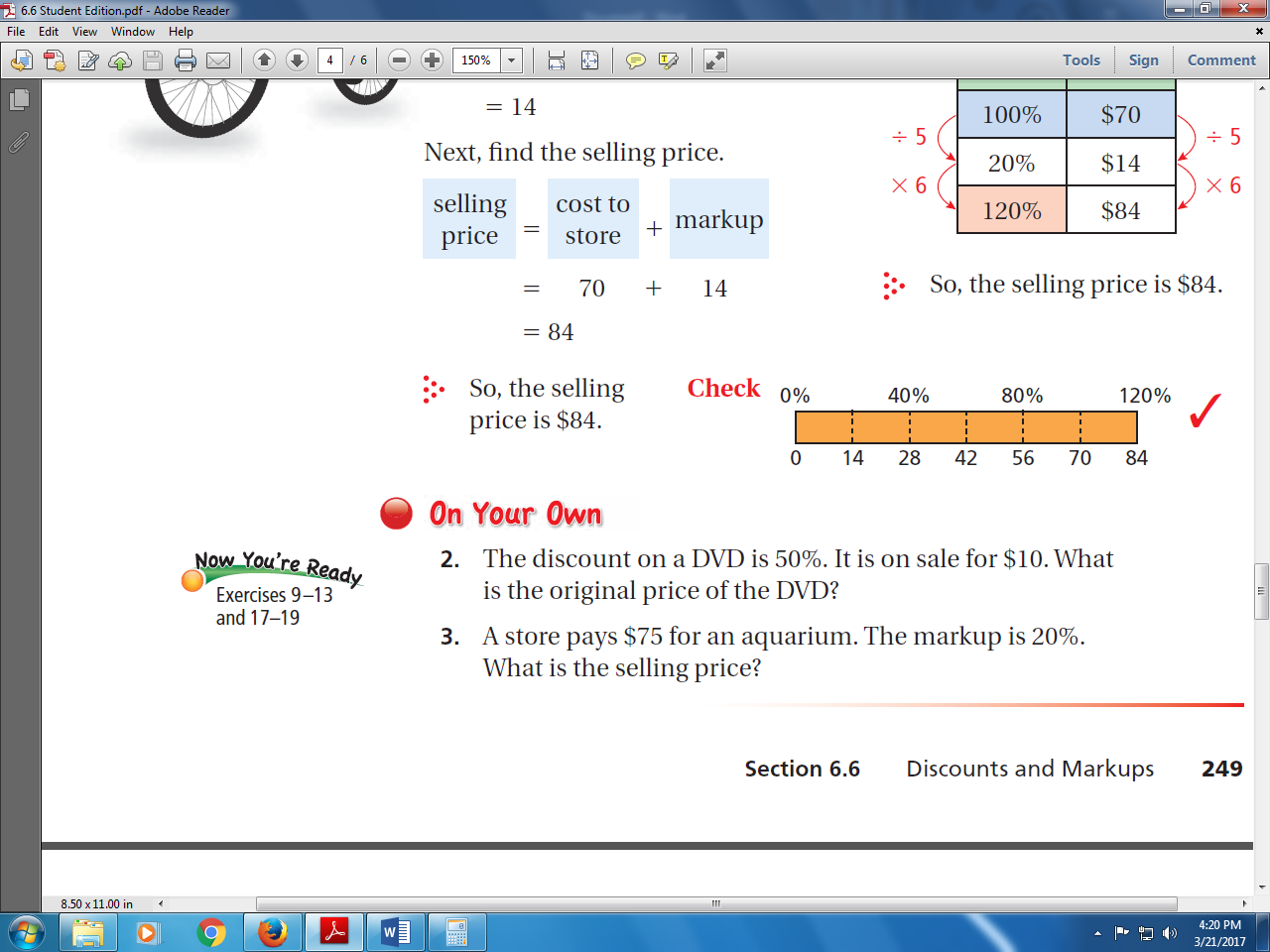
**Therefore, the sale price is \_\_\_\_\_\_**

**Like example 2**

**Step 1-**

**Step 2-**

**Therefore, the original price is \_\_\_\_\_\_**

**Like example 3**

**Step 1-**

**Step 2-**

**Therefore, the selling price is \_\_\_\_\_\_**

**FINDING A SALE PRICE:**

**The original price of a T-shirt is $15. The sale price includes a 35% discount. What is the sale price?**

**Step 1-**

**Step 2-**

**Therefore, the sale price is \_\_\_\_\_\_\_\_\_\_**

**FINDING AN ORIGINAL PRICE:**

**The discount on a package of athletic socks is 15%. It is on sale for $17. What is the original price of the package of athletic socks?**

**Step 1-**

**Step 2-**

**Therefore, the original price is \_\_\_\_\_\_\_\_\_\_**

**FINDING A SELLING PRICE:**

**A store pays $15 for a baseball cap. The percent markup is 60%. What is the selling price?**

**Step 1-**

**Step 2-**

**Therefore, the original price is \_\_\_\_\_\_\_\_\_\_**

**FINDING A SALE PRICE:**

**The original price of a dress was $30. The sale price includes a 42% discount. What is the sale price?**

**Step 1-**

**Step 2-**

**Therefore, the sale price is \_\_\_\_\_\_\_\_\_\_**

**FINDING AN ORIGINAL PRICE:**

**The discount on a pair of cleats is 25%. They’re on sale for $40. What is the original price for the pair of cleats?**

**Step 1-**

**Step 2-**

**Therefore, the original price is \_\_\_\_\_\_\_\_\_\_**

**FINDING A SELLING PRICE:**

**A store pays $22 for a backpack. The percent markup is 75%. What is the selling price?**

**Step 1-**

**Step 2-**

**Therefore, the original price is \_\_\_\_\_\_\_\_\_\_**