



Name: \_\_\_\_\_

Period: \_\_\_\_\_

7<sup>th</sup> Grade Math Honors

SCORE  
/ 4

Stamp

**ASSIGNMENT DUE WED/THU, JANUARY 25/26, 2017**

Unit 3, Chapter 6 - Percents

Each scenario below will be asked in three parts. Complete each part separately to get your answer. Show how you set up problems b and c or you will not receive a stamp. An example has been done for you.

Ex.) a) What is 35% represented as a number?

**0.35**

b) What is 35% of \$260?

$$0.35 \times \$260 = (\$91)$$

c) What is the cost of a \$260 lawnmower that is discounted by 35%?

$$\$260 - \$91 = (\$169)$$

1) a) What is 20% represented as a number?

b) What is 20% of \$105?

c) What is the cost of a \$105 jacket that is discounted by 20%?

2) a) What is 15% represented as a number?

b) What is 15% of \$60?

c) What is the cost of a \$60 video game that is discounted by 15%?

3) a) What is 40% represented as a number?

b) What is 40% of \$29.95?

c) What is the cost of a \$29.95 Blu-Ray movie that is discounted by 40%?

4) a) What is 30% represented as a number?

b) What is 30% of \$72.50?

c) What is the cost of a \$72.50 concert ticket that has been discounted by 30%?

5) a) What is 65% represented as a number?

b) What is 65% of \$380?

c) What is the cost of a \$380 table saw that is discounted by 65%?

Name: \_\_\_\_\_

Period: \_\_\_\_\_

7<sup>th</sup> Grade Math Honors

SCORE

/4

Stamp

## ASSIGNMENT DUE FRIDAY, JANUARY 27, 2017

Unit 3, Chapter 6 - Percents

For each problem below, show all work or you will not receive a stamp. You may use a calculator, but show work by showing how you set up the problem.

1) A jacket that is \$50 is labeled as 15% off. What will the new price of the jacket be?

2) A store is trying to get rid of an older model of TV that normally sells for \$600. They discount it by 35%. What is the sale price of the TV?

3) A theme park usually charges \$28 for admission but for a promotion they discounted admission by 40%. What will the cost of admission be for that day?

4) Jack's Sporting Goods sells football helmets at a regular price of \$130. They are having a sale on football equipment so they mark the helmets down by 20%. What is the sale price of the helmets?

5) Marco's Electronics sells laptop computers for \$490 each. They want to clear them out to make room for a new model, so they have a clearance sale on that brand of computer. All of the computers for that brand will be marked down 30%. What is the sale price of the computer?

Skills Review

6) What is the cost of a \$350 laptop computer that is discounted by 10%?

7) What is the cost of a \$27.50 pair of earrings that is discounted by 40%?

8) What is the cost of a \$165 tablet that is discounted by 18%?

Convert the following numbers into percentages. Round to one decimal place where necessary.

9)  $\frac{1}{6}$

10) 0.032

11)  $\frac{31}{99}$

12) 3.4