

NAME:

UNIT 1: DAY 15 : PERCENTS HOMEWORK

1. Write .63 as a percent.

$$63\%$$

2. What is 60% of \$100?

$$\frac{\text{is}}{\text{of}} = \frac{x}{100} \quad \frac{x}{100} = \frac{60}{100}$$

$$\boxed{x=60}$$

3. 20 is what percent of 150

$$\frac{20}{150} = \frac{x}{100}$$

$$150x = 2000$$

$$\boxed{x=13.\bar{3}\%}$$

4. 65 is 40% of what number?

$$\frac{65}{x} = \frac{40}{100}$$

$$40x = 6500$$

$$\boxed{x=162.5}$$

5. You see a video game that was originally \$49.99 but is now 15% off. What is the new price?

$$1^{\text{st}}: 49.99(.15) = 7.4985$$

$$2^{\text{nd}}: 49.99 - 7.4985 = \boxed{\$42.49}$$

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6. Create your own percent word problem you would see in the real world. BE CREATIVE. Solve below and tomorrow we will see if your partner can solve it correctly 😊

Answers vary 😊

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