


**Math 6 - Unit 2: Ratios, Rates & Proportional Reasoning** Name: \_\_\_\_\_

Get a Clue (Percents)

Class Period: 1 2 3 4 Date: \_\_\_\_\_

<p><b>Who?</b></p> <p>The Flash Batman Wonder Woman Superman Ant Man Black Widow Black Panther Spiderman</p>	<p>1) 8 is what percent of 20?</p>	<p>2) What is 15% of 200?</p>	<p>3) A baseball team won 75% of its games. If they played 120 games, how many did they win?</p>
<p><b>Where?</b></p> <p>Gotham City Wakanda Central City New York City Bat Cave Avengers Tower Metropolis Wayne Tower</p>	<p>4) At ECMS 476 6<sup>th</sup> graders ride the bus. If this is 85% of 6<sup>th</sup> graders, how many total 6<sup>th</sup> graders are there?</p>	<p>5) 18 is 40% of what number?</p>	<p>6) If your total bill at a restaurant is \$42 and you leave a 20% tip, how much tip did you leave?</p>
<p><b>What?</b></p> <p>Lightning Bolt Cape Shrink Suit Force Field Spider Web Necklace Lasso of Truth Batarang</p> 	<p>7) Dorian has \$300. He spent \$15. What percent of his money did he spend?</p>	<p>8) 14 out of 56 students got an A. What % got an A?</p>	<p>9) What is 22% of 300?</p>
<p>10) In a school, 25% of 312 students bring their lunch from home. What % do not bring their lunch from home?</p>	<p>11) 18 out of 30 students study Spanish. What percent study Spanish?</p>	<p>12) What is 20% of 45?</p>	<p>13) A shirt that costs \$20 is on sale for 10% off. How much does the shirt cost after the discount?</p>
<p>14) What is 25% of 52?</p>	<p>15) There are 20 girls in a class. If this is 40% of all students, how many total students are in the class?</p>	<p>16) What is 2% of 100?</p>	<p>17) Apples cost \$3 per pound. If you pay 6% sales tax, how much tax would you pay on 1 pound of apples?</p>
<p>18) 18 is 75% of what number?</p>	<p>19) It costs \$30 to get your hair cut. You leave a \$6 tip. What percent tip did you leave?</p>	<p>20) 7 is what percent of 70?</p>	<p>21) 22% of the animals in a shelter were dogs. If there were 150 animals in the shelter, how many were dogs?</p>

**Who?** \_\_\_\_\_ **Where?** \_\_\_\_\_ **What?** \_\_\_\_\_

Find your answers below to eliminate people, places and things to determine who did the crime, where they did it and what they did it with.

The Flash \$8.40	Batman 30	Wonder Woman 75%
Superman 25%	Ant Man 9	Black Widow \$9.40
Black Panther 40	Spiderman 45	Gotham City 13
Wakanda 2	Central City 24	New York City 10%
Bat Cave 17%	Avengers Tower 66	Metropolis 33
Wayne Tower \$18	Lightning Bolt 90	Cape 5%
Shrink Suit 560	Force Field 50	Spider Web 20%
Necklace \$0.18	Lasso of Truth 99	Batarang 60