**BLM 7.N.3.7: Finding the Missing Numbers in the Percent (Scenarios)**

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| **Find the Missing Number Scenarios** | **Method One** | **Method Two** | **Answer** |
| Statistically, 40% of dogs have dental problems. There are 200 dogs in an animal shelter. How many of the dogs likely have dental problems? |  |  |  |
| Of the 150 people who attended the school carnival, 30 people bought candy apples. What percent of the attendees bought candy apples? |  |  |  |
| Justin has a scoring average of 35%. He took 320 shots on goal. How many of his shots were likely goals? |  |  |  |
| Mickey took 240 shots at a basketball tournament. Of these shots, 80 scored baskets. What percent of his baskets scored points? |  |  |  |
| A pair of skates is on sale for $45.00. The price has been reduced by 50%. What was the original price of the skates? |  |  |  |

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**BLM 7.N.3.7: Finding the Missing Numbers in the Percent (Scenarios) (continued)**

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| **Find the Missing Number Scenarios** | **Method One** | **Method Two** | **Answer** |
| Of the candy in a Candy Spots package, 75% are red. If a package has 12 red candies, how many candies were in the package? |  |  |  |
| The number 18 is 60% of what number? |  |  |  |
| One hundred paving stones have been placed on a patio. At this point, 45% of the patio area has been covered. How many paving stones will cover the entire patio? |  |  |  |
| Of the 400 students attending Iluvit Middle School, 25% order a hot lunch. For how many students will the cooks need to prepare a hot lunch? |  |  |  |
| Marc and Mae’s garage sale made $250.00. If Marc’s share of the profit is  60%, how much money will he get? |  |  |  |