Lesson 61: Remaining Fraction/2-Step Equations Math 3/1

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| #\_\_\_\_\_ Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Score \_\_\_\_\_\_\_/14 | |
| 1. What fraction of the rectangle is not shaded?   |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  |     Answer: 5/6 | 2. What fraction of the rectangle is shaded?   |  |  | | --- | --- | |  |  | | Answer: | 7/10 | |  |  | |  |  | |  |  | |
| 3. The pie was cut into 8 equal pieces. After Joe and Bill each took two slices, what fraction of the pie was left?  Answer: 4/8 or ½ of the pie | 4. One third of the class brought a sack lunch. What fraction of the class did not bring a sack lunch?  Answer: 2/3 didn’t bring sack lunches |
| 5. Seven eights of the relay was complete. What fraction of the relay was left?  Answer: 1/8 of the relay was left | 6. Find m in the following equation:  4𝑚=3×8  Answer: m=6 |
| 7. Find m in the following equation:  5𝑚=21+4  Answer: m=5 | 8. Find m in the following equation:  9𝑚=30−3  Answer: m=3 |
| 9. Find m in the following equation:  3+𝑚=7×5  Answer: m=32 | 10. Find m in the following equation:  5+𝑚=24÷3  Answer: m=3 |
| 11. Julian purchased a large box of 36 donuts. His friends at 2/3 of the donuts. How many donuts did Julian’s friends eat?  Answer:  2/3 of 36= 2(36÷3)  2/3 of 36=2(12)  2/3 of 36 = 2x12  2/3 of 36= 24 donuts | 12. Mindy is running in a 10 mile race. She just passed mile marker 6. What fraction of the race does Mindy have left?  Answer:  4/10 (or 2/5) of the race |
| 13. There are 84 students enrolled in AIM at Madison Middle School. If 5/7 of the students are in Mr. Durfee’s class, how many students are in Mr. Durfee’s AIM class?  Answer:  4/7 of 84 = 4 (84÷7)  4/7 of 84 = 4 (12)  4/7 of 84 = 48 students in Mr. Durfee’s class | 14. ¾ of the 64 animals at the shelter were cats. How many animals were not cats at the shelter?  Answer:  ¾ of 64 = 3 (64÷4)  ¾ of 64 = 3 (16)  ¾ of 64 = 48 animals were not cats |