**Course 1 Unit 7 Review Name:**

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| **Show your work on both sides of the equation.** | **Solution to the equation.** | **Check your answer here.** |
| **1. a + 27 = 51** | **a=** |  |
| **2. b + 3.4 = 17.21** | **b=** |  |
| **3. c +** $\frac{4}{9}$ **=** $\frac{9}{10}$ | **c=** |  |
| **4. d – 16 = 32** | **d=** |  |
| **5. e – 15.2 = 45** | **e=** |  |
| **6. f-** $\frac{1}{2}$ **=** $\frac{3}{4}$ | **f=** |  |
| **7. 17g = 51** | **g=** |  |
| **8. 1.5 h = 22.5** | **h=** |  |
| **9.** $\frac{8}{9}$ **j = 15** | **j=** |  |
| **10.** $\frac{k}{10}$ **= 12** | **k=** |  |
| **11.** $\frac{m}{1.2}$ **= 1.2** | **m=** |  |
| **12.** $\frac{n}{9}$ **=** $\frac{3}{8}$ | **n=** |  |
| **13. 5 p + 6 = 36** | **p=** |  |
| **14. 6q – 7 = 36** | **q=** |  |
| **15.** $\frac{r}{3}$ **+ 6 = 18** | **r=** |  |
| **16.** $\frac{s}{2 }$ **- 18 = 45** | **s=** |  |
| **17. 5t + 8 + 6 t = 96** | **t=** |  |
| **18. 19u – 12u + 8=57** | **u=** |  |
| **19. 5(2v + 6) =100** | **v=** |  |
| **20. 3(6w – 8 ) = 66** | **w=** |  |

For each of the phrases, **write** AND **solve** an equation.

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| Phrase | Equation | Solution |
| 21. A number, n, added to 6 is 18 |  |  |
| 22. A number, w, minus 14 equals 20 |  |  |
| 23. A number, m, times 6 is 18 |  |  |
| 24. A number, h, divided by 4 is 10 |  |  |
| 25. Twice a number, b, plus 1 equals 5 |  |  |