

Name _____

Period _____

Expressions and Equations

Evaluate the expressions below. Remember to use the Order of Operations.

11. $9 + 9 + 6 - 5$

12. $(5 + 16) \div 7 - 2$

13. $7 + 10 \cdot 5 + 10$

14. $(6 + 25 - 7) \div 6$

15. $(6 - 4)49 \div 7$

16. $(7 \cdot 5) \div 5$

17. $\frac{43-1}{4+2} + 10$

18. $(8 + 5) \cdot \frac{35}{5} + 6$

Solve the following equations for the unknown value. Show all of your work.

19. $2x = x + 3$ $x = \underline{\hspace{2cm}}$

20. $x + 4 = 3x$ $x = \underline{\hspace{2cm}}$

21. $4x = 2x + 6$ $x = \underline{\hspace{2cm}}$

22. $3x + 7 = 4x$ $x = \underline{\hspace{2cm}}$

23. $x + 4 = 2x + 3$ $x = \underline{\hspace{2cm}}$

24. $x + 10 = 3x + 2$ $x = \underline{\hspace{2cm}}$