

Name: _____

CLASS WORK

5.1 - 2x2 Systems Easy - CW

#: _____

1. Solve the following system of equations for all the variables:

$$\begin{aligned} -8o + 10n &= -48 \\ 6o - 10n &= 46 \end{aligned}$$

2. Solve the following system of equations for all the variables:

$$\begin{aligned} -9s + 10v &= 103 \\ 9s + 9v &= -27 \end{aligned}$$

3. Solve the following system of equations for all the variables:

$$\begin{aligned} -10p - 6x &= -154 \\ 4p + 6x &= 94 \end{aligned}$$

4. Solve the following system of equations for all the variables:

$$\begin{aligned} 3w + 4m &= -9 \\ -3w - 3m &= 3 \end{aligned}$$

5. Solve the following system of equations for all the variables:

$$\begin{aligned} -6z - 8h &= 20 \\ 6z + 2h &= 40 \end{aligned}$$

6. Solve the following system of equations for all the variables:

$$\begin{aligned} 9x - 7w &= -79 \\ -3x + 7w &= 31 \end{aligned}$$

7. Solve the following system of equations for all the variables:

$$\begin{aligned} 4h + c &= -46 \\ -4h + 8c &= -8 \end{aligned}$$

8. Solve the following system of equations for all the variables:

$$\begin{aligned} 2f + 3w &= 42 \\ -2f - 9w &= -102 \end{aligned}$$

9. Solve the following system of equations for all the variables:

$$\begin{aligned} -9d - 8z &= 102 \\ 9d + 3z &= -72 \end{aligned}$$

10. Solve the following system of equations for all the variables:

$$\begin{aligned} -h - 10q &= -90 \\ 8h + 10q &= 90 \end{aligned}$$

11. Solve the following system of equations for all the variables:

$$\begin{aligned} 7u + f &= 26 \\ -7u + 2f &= -32 \end{aligned}$$

12. Solve the following system of equations for all the variables:

$$\begin{aligned} 7l - 3d &= 34 \\ -7l - 6d &= 47 \end{aligned}$$

13. Solve the following system of equations for all the variables:

$$\begin{aligned} -5l + 2o &= -18 \\ 5l + 5o &= 60 \end{aligned}$$

14. Solve the following system of equations for all the variables:

$$\begin{aligned} -2b - 2m &= 0 \\ 8b + 2m &= 48 \end{aligned}$$

15. Solve the following system of equations for all the variables:

$$\begin{aligned} -4p + 6g &= 36 \\ 4p - g &= 4 \end{aligned}$$

16. Solve the following system of equations for all the variables:

$$\begin{aligned} -f + 7v &= -35 \\ -f - 7v &= 49 \end{aligned}$$

17. Solve the following system of equations for all the variables:

$$\begin{aligned} -2j + 8f &= 26 \\ 2j - 2f &= -8 \end{aligned}$$

18. Solve the following system of equations for all the variables:

$$\begin{aligned} 6n + 4a &= -18 \\ -7n - 4a &= 19 \end{aligned}$$

19. Solve the following system of equations for all the variables:

$$\begin{aligned} -3x - 7k &= 49 \\ -9x + 7k &= -133 \end{aligned}$$

20. Solve the following system of equations for all the variables:

$$\begin{aligned} -3f - 9a &= -18 \\ 4f + 9a &= 12 \end{aligned}$$