

Homework 2.4 Rearranging Formulas

Rearrange the formulas for the variable indicated in **bold**.

1. $W = \frac{144\mathbf{p}}{y}$

2. $A = \frac{\mathbf{a+b}}{2}$

3. $S = R - \mathbf{vp}$

4. $V = \mathbf{lwh}$

5. $A = \frac{\mathbf{a+b}}{2}$

6. $S = R - \mathbf{vp}$

7. $\mathbf{ax} + by = c$

8. $P = 2(\mathbf{l} + \mathbf{w})$

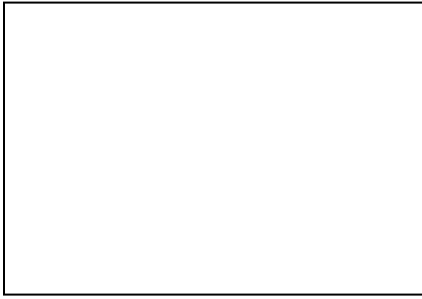
9. $C = \frac{12\mathbf{ds}}{\mathbf{w}}$

10. $c = \pi\mathbf{d}$

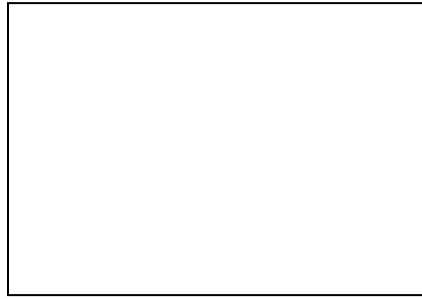
11. $A = \frac{1}{2}\mathbf{bh}$

12. $K = \frac{1}{2}\mathbf{mv}^2$

$$13. y - y_1 = m(x - x_1)$$



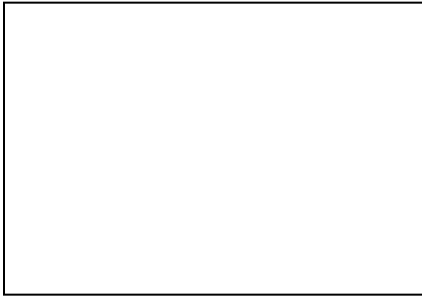
$$14. C = \frac{5}{9}(F - 32)$$



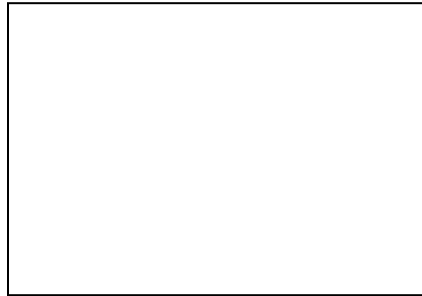
$$15. d = rt$$



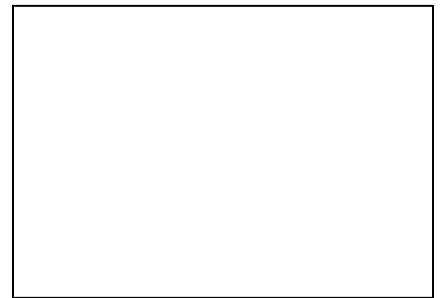
$$16. y - y_1 = m(x - x_1)$$



$$17. ax + by = c$$



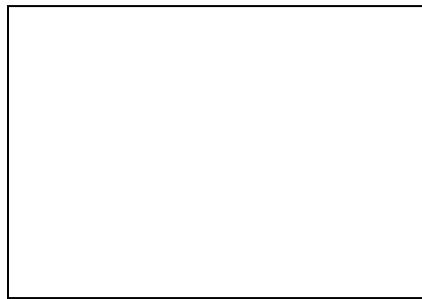
$$18. 5t - 2r = 25$$



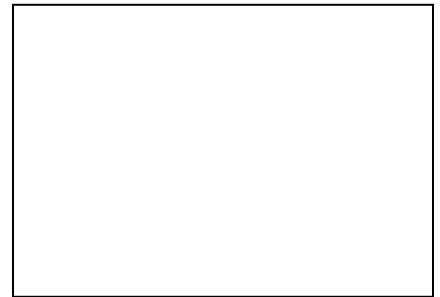
$$19. P = a + b + c$$



$$20. T = m - n$$



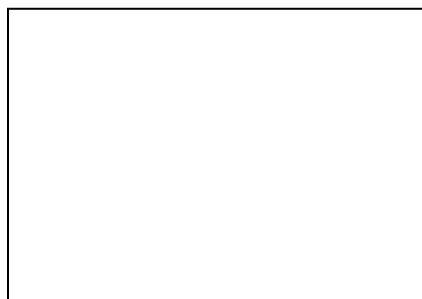
$$21. S = R - vp$$



$$22. V = \pi r^2 h$$



$$23. P = 2l + 2w$$



$$24. D = \frac{C - S}{n}$$

