Pg. 36 Answers

Answers

1. $y = 5.5$

2. $x = 72$

3. $z = \dfrac{19}{24}$

4. $n = 7.5$

5. $d = 0.5$

6. no solution

7. infinitely many solutions

8. no solution

9. infinitely many solutions

10. $x = 43$; 43°, 86°, 51°

11. $x = 90$; 90°, 87°, 98°, 85°

12. $y = 0.3x - 7$

13. $y = 0.625x + 1.25$

14. $w = \dfrac{P}{2} - \ell$

15. $r = \dfrac{d}{t}$

16. *Sample answer:* Write and solve the equation $x - 13 = 72$; $x = 85$ points

17. $18x = 12x + 3$; $\dfrac{1}{2}$ hour

18. 950° C

19. 8 hours