

Homework and Practice**Solving Equations Containing Integers**

Solve. Check your answers.

1. $x - 7 = -5$

2. $r - 5 = -18$

3. $11 = n - 16$

4. $v + 22 = 12$

5. $5c = -75$

6. $300 = -25t$

7. $6h = -42$

8. $-4d = -28$

9. $96 = 4a$

10. $\frac{s}{8} = -9$

11. $\frac{m}{-4} = 9$

12. $\frac{e}{-5} = -5$

13. $y + 18 = -21$

14. $-49 = 7u$

15. $k + 24 = -16$

16. $-54 = -9f$

17. $18 + w = -14$

18. $\frac{x}{3} = 12$

19. $-35 = d - 28$

20. $\frac{s}{-7} = 9$

21. $-8 = 25 - g$

22. The temperature in Chicago was -5°F . This was 32°F colder than the temperature in New York City on the same day. What was the temperature in New York City on that day?

23. This year, a small corporation made a profit of \$12 million. This is \$8 million more than last year's profit. What was last year's profit?
