NAME _____ DATE _____ PERIOD ____

1-9 Practice: Skills

Solving Multiplication and Division Equations

Solve each equation. Check your solution.

1. $\frac{u}{7} = 3$

2. $3c = 12$

3. $5x = -15$

4. $-7z = 49$

5. $\frac{n}{3} = -7$

6. $\frac{a}{-9} = -11$

7. $-14g = -56$

8. $\frac{t}{-12} = 11$

9. $18y = -144$

10. $135 = 9z$

11. $11d = -143$

12. $116 = -29k$

13. $\frac{w}{9} = 17$

14. $-14 = \frac{y}{-7}$

15. $-112 = -8v$

16. $17c = 136$

17. $-21a = -126$

18. $\frac{s}{-19} = 9$

19. $\frac{m}{-31} = -7$

20. $16q = 272$

21. $15 = \frac{z}{-14}$

22. $\frac{g}{-22} = -23$

23. $\frac{y}{25} = 16$

24. $47k = 517$

NAME _____ DATE _____ PERIOD _____

1-10 Word Problem Practice

Solving Multiplication and Division Equations

1. **WAGES** Felipe earns $9 per hour for helping his grandmother with her yard work. Write and solve a multiplication equation to find how many hours he must help his grandmother in order to earn $54.	2. **SHOPPING** Granola bars are on sale for $0.50 each. If Brad paid $5 for granola bars, write and solve a multiplication equation to find how many bars he bought.
3. **EXERCISE** Jasmine jogs 3 miles each day. Write and solve a multiplication equation to find how many days it will take her to jog 57 miles.	4. **TRAVEL** On a trip, the Rollins family drove at an average rate of 62 miles per hour. Write and solve a multiplication equation to find how long it took them to drive 558 miles.
5. **ROBOTS** The smallest robot can travel 20 inches per minute through a pipe. Write and solve a multiplication equation to find how long it will take this robot to travel through 10 *feet* of pipe.	6. **BANKING** Nate withdraws $40 from his checking account each day. Write and solve a multiplication equation to find how long it will take him to withdraw $680.
7. **AGE** The product of Bart's age and 26 is 338. Write and solve a multiplication equation to find Bart's age.	8. **POPULATION** The population of a small town is increasing at a rate of 325 people per year. Write and solve a multiplication equation to find how long it will take the population to increase by 6,825.