Grade 7 Hon Prep Work

6.6 Solving Word Problems 2

Name _____   Date _____

1. When 24 is subtracted from b, the result is -80. Find b.

2. A number decreased by 25 is -78. Find the number.

3. A number reduced by 70 is -35. What is the number?

4. A number reduced by 41 is 119. What is the number?

5. When x is decreased by 28, the result is -5. Find x.

6. When r is decreased by 95, the result is -40. Find r.

7. 75 minus some number is -113. What is the number?

8. 21 less than a certain number is 79. What is the number?

9. 34 less than a certain number is 46. What is the number?

10. -20 is 75 less than some number. Find the number.

11. -12 is 110 less than some number. Find the number.

12. 105 less than b is equal to 85. Solve for b.

13. 14 less than f is equal to 57. Solve for f.

14. 12 less than k is -8. Find k.

15. The difference of 35 and p is 15. Find p.

16. The difference of 100 and c is 66. Find c.

17. -29 is the difference between 11 and some number. What is the number?

18. -200 is the difference between a number and 500. What is the number?

19. The difference between n and -9 is 25. Find n.

20. The difference between c and 17 is -3. Find c.

21. 4 times a number is 128. What is the number?

22. −4 times a number is 100. Find the number.

23. −6 times a number is 72. Find the number.

24. Some number multiplied by negative five is 145. Find the number.

25. Some number multiplied by negative three is 81. Find the number.

26. When a number is multiplied by −6, the result is −90. What is the number?

27. When a number is multiplied by −11, the result is −154. What is the number?

28. Three times a number is −246. Find the number.

29. When a number is tripled, the result is −51. What is the number?

30. Five times a number is 65. What is the number?

Answer List

1.	−56	2.	−53	3.	35
4.	160	5.	23	6.	55
7.	188	8.	100	9.	80
10.	55	11.	98	12.	190
13.	71	14.	4	15.	20
16.	34	17.	40	18.	300
19.	16	20.	14	21.	32
22.	−25	23.	−12	24.	−29
25.	−27	26.	15	27.	14
28.	−82	29.	−17	30.	13

Catalog List

1.	ALG HA 21	2.	ALG HA 24	3.	ALG HA 25
4.	ALG HA 26	5.	ALG HA 27	6.	ALG HA 28
7.	ALG HA 31	8.	ALG HA 33	9.	ALG HA 34
10.	ALG HA 35	11.	ALG HA 36	12.	ALG HA 37
13.	ALG HA 38	14.	ALG HA 39	15.	ALG HA 41
16.	ALG HA 42	17.	ALG HA 44	18.	ALG HA 45
19.	ALG HA 47	20.	ALG HA 48	21.	ALG HA 49
22.	ALG HA 51	23.	ALG HA 52	24.	ALG HA 53
25.	ALG HA 54	26.	ALG HA 55	27.	ALG HA 56
28.	ALG HA 58	29.	ALG HA 59	30.	ALG HA 61