



Math Worksheet for 7th Grade

Multiplication & division word problems with negatives

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

1. The temperature drops 2°C each hour for 5 hours. If it starts at 10°C , what is the temperature after 5 hours?
2. A submarine is 30 meters below sea level and descends 4 meters each minute for 3 minutes. How far below sea level is it now?
3. A shop loses \$7 per day for 6 days. What is the total loss?
4. A hiker descends 8 meters each minute for 3 minutes. Starting at 50 meters above sea level, what is his elevation after 3 minutes?
5. A family shares a \$120 debt equally among 6 members. How much debt does each member have?
6. A factory removes 9 defective items every hour for 5 hours. How many defective items are removed in total?
7. A diver is 40 meters below sea level and descends 3 meters each minute for 4 minutes. How far below sea level is the diver now?
8. A bank account loses \$15 each week for 2 weeks. What is the total change in the account?
9. The temperature drops 6°C every 2 hours. After 6 hours, what is the total temperature change?
10. A mountain climber descends 5 meters each minute for 7 minutes. Starting at 900 meters, what is the climber's elevation after 7 minutes?
11. A profit decreases by \$12 each day for 5 days. If starting profit is \$100, what is the profit after 5 days?
12. A submarine at -120 meters descends 10 meters each minute for 2 minutes. Where is it now (in meters)?
13. A robot moves 4 units to the left each step. After 6 steps, how far from the start (in units) is the robot?
14. The temperature decreases by 1°C every 3 hours. How much does it change after 9 hours?
15. A person borrows \$25 more each month for 3 months. How much extra debt is added after 3 months?
16. A balloon loses 2 meters of altitude every second for 15 seconds. Starting at 200 meters, what is the altitude after 15 seconds?
17. A company had a loss of \$90 and divides it equally among 3 departments. What is the loss per department?
18. An animal moves down 6 meters each minute for 5 minutes. How far below the starting point is it after 5 minutes?
19. The temperature falls from 5°C by 4°C each hour for 2 hours. What is the final temperature?
20. A submarine at -20 meters descends 5 meters each minute for 3 minutes. How deep is it now?
21. A loss of \$48 is spread evenly over 6 days. How much is the loss per day?
22. A diver at -75 meters descends 5 meters each minute for 5 minutes. What is the diver's depth after 5 minutes?
23. The temperature decreases by 3°C every hour for 4 hours. Starting at 10°C , what is the temperature after 4 hours?
24. A debt of \$56 is split equally among 7 people. How much debt does each person have?
25. A car moves 7 km to the west each hour for 3 hours. How far to the west is it after 3 hours?
26. A submarine is at -90 meters and descends 6 meters each minute for 5 minutes. What is its depth after 5 minutes?
27. A bank account lost \$36 over 3 months equally. How much loss was recorded per month?
28. The temperature drops 4°C every hour for 3 hours. If the starting temperature is -1°C , what is the temperature after 3 hours?



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29. A friend owes \$45 in debt which is shared equally among 9 friends. How much debt does each friend take on?
30. A hiker steps down 2 meters each step for 10 steps. If the hiker started at 100 meters elevation, what is the new elevation?
31. An elevator goes down 3 meters per floor for 5 floors. Starting at 50 meters above ground, what is the elevator's height after going down 5 floors?
32. A submarine at -200 meters descends 10 meters each minute for 6 minutes. What is its new depth?
33. The temperature fell by 9°C over 3 hours, equally each hour. What was the temperature change each hour?
34. A shop loses \$24 over 4 days equally. What is the daily loss?
35. A total depth change of -36 meters happened over 3 minutes. What was the change per minute?
36. The temperature decreased by 20°C over 4 equal intervals. What was the change per interval?
37. A debt of \$80 is split by 10 people. How much debt does each person have?
38. A roller coaster drops 7 meters each second for 4 seconds. Starting at 100 meters, what is its height after 4 seconds?
39. A lake level falls by 45 cm over 5 days equally. What is the fall per day (in cm)?
40. A robot moves 5 units to the left each second for 4 seconds. Where is the robot relative to the start (in units)?
41. A miner digs down 6 meters each day for 7 days. Starting at ground level (0 m), how deep is the miner after 7 days?
42. A battery loses 2% charge each hour for 12 hours. Starting at 50% charge, what is the charge after 12 hours?
43. A company recorded a \$72 loss and divided it equally among 8 departments. What is each department's loss?
44. A climber loses 3 meters of altitude each minute for 4 minutes. Starting at 10 meters, what is the climber's altitude after 4 minutes?
45. A loss of \$100 is recorded over 5 months equally. How much loss is recorded per month?
46. The temperature decreased by 18°C over 3 days equally. What was the decrease per day?
47. An account decreased by \$27 over 9 days equally. How much did it change per day?
48. A submarine sank from -10 meters to -70 meters over 6 minutes equally. What was the sinking rate per minute?
49. A shop loses \$5 each day. After 7 days, what is the total loss?
50. A company's \$120 loss was fully reversed (the loss was corrected) and the correction increased each of 6 departments by the same amount. What is the change for each department?