

Chemistry: The Mathematics of Chemistry, Answer Sheet

1. $5.5 \frac{m}{s}$

2. $22.4 m^2$

3. $63 cm$

4. $0.11 mm^3$

5. $60 \frac{kg - m}{s}$

6. $0.38 \frac{moles}{L}$

7. $25 \frac{kg - m}{s^2}$

8. $140 N - m$

9. $0.0027 \frac{J}{g - ^\circ C}$

10. $2.76 \frac{N - m}{s}$

11. $32.7 \frac{kg}{cm^2}$

12. $13.2 \frac{g}{L}$

13. $208 \frac{J}{g}$

14. $1290 atoms$

15. $\frac{w}{2}$

16. 152.8

17. $10 \frac{b^2}{a^2}$

18. $3.96 d^2$

19. $\frac{2ab - 3b^2}{c^2}$

20. $8fw + 26gw$

21. $x = 11$

22. $x = 9.5$

23. $x = \frac{H}{WQ}$

24. $x = 23FG - 12$

25. $x = \frac{EF^2}{18KR}$

26. $x = \frac{T}{LS}$

27. $x = 15G - U$

28. $x = \frac{T + 6}{Y}$

29. $x = \frac{E^4 RT^3 K}{B^2 H^5 Y}$