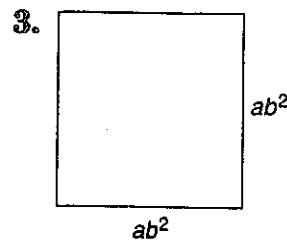
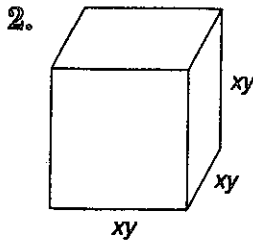
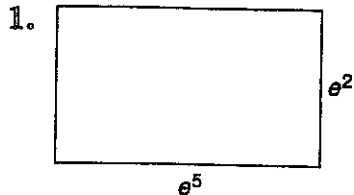


Practice

Student Edition
Pages 496-500

Multiplying Monomials

Find the measure of the area of each rectangle and the measure of the volume of the rectangular solid.



Simplify.

4. $a^2(a^3)(a^6)$

5. $(cd^2)(c^3d^2)$

6. $(e^2f^4)(ef)^2$

7. $x(x^2)(x^7)$

8. $(y^2z)(yz^2)$

9. $(\ell^2k^2)(\ell^3k)$

10. $(10^2)^3$

11. $[(-3)^2]^2$

12. $[(4^2)^2]^2$

13. $(t^3s^5)(t^2s)$

14. $(2x^2)(3x^5)$

15. $(-5a^2b)(3a^4)$

16. $(3cd^4)(-2c^2)$

17. $(-3\ell)^3$

18. $(-6p)^2$

19. $\left(\frac{2e}{3}\right)^2$

20. $(4g^3h)(-2g)^5$

21. $r^3(r^2s^4)$

22. $(2ab^2c^2)(4a^3b^2c^2)$

23. $(0.5t)^2$

24. $-6(x^2y^3)^4$

25. $(3pq^2)^2$

26. $(ef)(eg)(fg)$

27. $(-xy)^3(xz)$

28. $-\frac{3r}{5}(15r^2)$

29. $(-18mn^4)\left(-\frac{1}{6}mn^2\right)$

30. $\left(\frac{1}{4}cd^3\right)^2$

31. $-4(cs^2t)^2$

32. $(-15ap^4)\left(-\frac{1}{3}ap^3\right)$

33. $(0.2a^2b^3)^2$