

Pg 432-433 #20-28, 36-39

20. $\frac{6}{y^4}$

21. $\frac{a^7}{64}$

22. $9c^7$

23. $5b$

24. $\frac{4}{x^6}$

25. 12

26. $\frac{n^3}{m^2}$

27. $\frac{w^6}{9}$

28. *Sample answer:* 2^{-4} ; 4^{-2}

36. If $a = 0$, then $0^n = 0$. Because you can not divide by 0, the expression $\frac{1}{0}$ is undefined.

37. 10^9

38. 10^3

39. 10^4