

١٣٨٦ هـ - ١٤٢٥ هـ 1386 - Dhurain	
٩٠١١ هـ 9.11	١٥٠٤٠٢٥ هـ 15.4.25
١٤٢٥ هـ - ١٥٠٤٠٢٥ هـ 1425 - 1504025	

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

[illegible]

١ ٢ ٣ ٤ ٥ ٦ ٧ ٨ ٩ ١٠ ١١ ١٢ ١٣ ١٤ ١٥ ١٦ ١٧ ١٨ ١٩ ٢٠ ٢١ ٢٢ ٢٣ ٢٤ ٢٥ ٢٦ ٢٧ ٢٨ ٢٩ ٣٠ ٣١ ٣٢ ٣٣ ٣٤ ٣٥ ٣٦ ٣٧ ٣٨ ٣٩ ٤٠ ٤١ ٤٢ ٤٣ ٤٤ ٤٥ ٤٦ ٤٧ ٤٨ ٤٩ ٥٠ ٥١ ٥٢ ٥٣ ٥٤ ٥٥ ٥٦ ٥٧ ٥٨ ٥٩ ٦٠ ٦١ ٦٢ ٦٣ ٦٤ ٦٥ ٦٦ ٦٧ ٦٨ ٦٩ ٧٠ ٧١ ٧٢ ٧٣ ٧٤ ٧٥ ٧٦ ٧٧ ٧٨ ٧٩ ٨٠ ٨١ ٨٢ ٨٣ ٨٤ ٨٥ ٨٦ ٨٧ ٨٨ ٨٩ ٩٠ ٩١ ٩٢ ٩٣ ٩٤ ٩٥ ٩٦ ٩٧ ٩٨ ٩٩ ١٠٠

اِنَّ زُجْجَ الْاِصْحٰقِ لَشَدِيْدٌ ۝۱۰۰

[illegible]

۴۵۵۵
۱۲۵۵

[illegible]

[illegible][illegible]

4. $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$ $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$
 $\frac{1}{x^3} = x^{-3}$ $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$ $\frac{d}{dx} \frac{1}{x^3} = -\frac{3}{x^4}$
 $\frac{1}{x^4} = x^{-4}$ $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$ $\frac{d}{dx} \frac{1}{x^4} = -\frac{4}{x^5}$
 $\frac{1}{x^5} = x^{-5}$ $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$ $\frac{d}{dx} \frac{1}{x^5} = -\frac{5}{x^6}$
 $\frac{1}{x^6} = x^{-6}$ $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$ $\frac{d}{dx} \frac{1}{x^6} = -\frac{6}{x^7}$
 $\frac{1}{x^7} = x^{-7}$ $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$ $\frac{d}{dx} \frac{1}{x^7} = -\frac{7}{x^8}$
 $\frac{1}{x^8} = x^{-8}$ $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$ $\frac{d}{dx} \frac{1}{x^8} = -\frac{8}{x^9}$
 $\frac{1}{x^9} = x^{-9}$ $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$ $\frac{d}{dx} \frac{1}{x^9} = -\frac{9}{x^{10}}$
 $\frac{1}{x^{10}} = x^{-10}$ $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$ $\frac{d}{dx} \frac{1}{x^{10}} = -\frac{10}{x^{11}}$
 $\frac{1}{x^{11}} = x^{-11}$ $\frac{d}{dx} x^{-11} = -11x^{-12} = -\frac{11}{x^{12}}$ $\frac{d}{dx} \frac{1}{x^{11}} = -\frac{11}{x^{12}}$
 $\frac{1}{x^{12}} = x^{-12}$ $\frac{d}{dx} x^{-12} = -12x^{-13} = -\frac{12}{x^{13}}$ $\frac{d}{dx} \frac{1}{x^{12}} = -\frac{12}{x^{13}}$
 $\frac{1}{x^{13}} = x^{-13}$ $\frac{d}{dx} x^{-13} = -13x^{-14} = -\frac{13}{x^{14}}$ $\frac{d}{dx} \frac{1}{x^{13}} = -\frac{13}{x^{14}}$
 $\frac{1}{x^{14}} = x^{-14}$ $\frac{d}{dx} x^{-14} = -14x^{-15} = -\frac{14}{x^{15}}$ $\frac{d}{dx} \frac{1}{x^{14}} = -\frac{14}{x^{15}}$
 $\frac{1}{x^{15}} = x^{-15}$ $\frac{d}{dx} x^{-15} = -15x^{-16} = -\frac{15}{x^{16}}$ $\frac{d}{dx} \frac{1}{x^{15}} = -\frac{15}{x^{16}}$
 $\frac{1}{x^{16}} = x^{-16}$ $\frac{d}{dx} x^{-16} = -16x^{-17} = -\frac{16}{x^{17}}$ $\frac{d}{dx} \frac{1}{x^{16}} = -\frac{16}{x^{17}}$
 $\frac{1}{x^{17}} = x^{-17}$ $\frac{d}{dx} x^{-17} = -17x^{-18} = -\frac{17}{x^{18}}$ $\frac{d}{dx} \frac{1}{x^{17}} = -\frac{17}{x^{18}}$
 $\frac{1}{x^{18}} = x^{-18}$ $\frac{d}{dx} x^{-18} = -18x^{-19} = -\frac{18}{x^{19}}$ $\frac{d}{dx} \frac{1}{x^{18}} = -\frac{18}{x^{19}}$
 $\frac{1}{x^{19}} = x^{-19}$ $\frac{d}{dx} x^{-19} = -19x^{-20} = -\frac{19}{x^{20}}$ $\frac{d}{dx} \frac{1}{x^{19}} = -\frac{19}{x^{20}}$
 $\frac{1}{x^{20}} = x^{-20}$ $\frac{d}{dx} x^{-20} = -20x^{-21} = -\frac{20}{x^{21}}$ $\frac{d}{dx} \frac{1}{x^{20}} = -\frac{20}{x^{21}}$
 $\frac{1}{x^{21}} = x^{-21}$ $\frac{d}{dx} x^{-21} = -21x^{-22} = -\frac{21}{x^{22}}$ $\frac{d}{dx} \frac{1}{x^{21}} = -\frac{21}{x^{22}}$
 $\frac{1}{x^{22}} = x^{-22}$ $\frac{d}{dx} x^{-22} = -22x^{-23} = -\frac{22}{x^{23}}$ $\frac{d}{dx} \frac{1}{x^{22}} = -\frac{22}{x^{23}}$
 $\frac{1}{x^{23}} = x^{-23}$ $\frac{d}{dx} x^{-23} = -23x^{-24} = -\frac{23}{x^{24}}$ $\frac{d}{dx} \frac{1}{x^{23}} = -\frac{23}{x^{24}}$
 $\frac{1}{x^{24}} = x^{-24}$ $\frac{d}{dx} x^{-24} = -24x^{-25} = -\frac{24}{x^{25}}$ $\frac{d}{dx} \frac{1}{x^{24}} = -\frac{24}{x^{25}}$
 $\frac{1}{x^{25}} = x^{-25}$ $\frac{d}{dx} x^{-25} = -25x^{-26} = -\frac{25}{x^{26}}$ $\frac{d}{dx} \frac{1}{x^{25}} = -\frac{25}{x^{26}}$
 $\frac{1}{x^{26}} = x^{-26}$ $\frac{d}{dx} x^{-26} = -26x^{-27} = -\frac{26}{x^{27}}$ $\frac{d}{dx} \frac{1}{x^{26}} = -\frac{26}{x^{27}}$
 $\frac{1}{x^{27}} = x^{-27}$ $\frac{d}{dx} x^{-27} = -27x^{-28} = -\frac{27}{x^{28}}$ $\frac{d}{dx} \frac{1}{x^{27}} = -\frac{27}{x^{28}}$
 $\frac{1}{x^{28}} = x^{-28}$ $\frac{d}{dx} x^{-28} = -28x^{-29} = -\frac{28}{x^{29}}$ $\frac{d}{dx} \frac{1}{x^{28}} = -\frac{28}{x^{29}}$
 $\frac{1}{x^{29}} = x^{-29}$ $\frac{d}{dx} x^{-29} = -29x^{-30} = -\frac{29}{x^{30}}$ $\frac{d}{dx} \frac{1}{x^{29}} = -\frac{29}{x^{30}}$
 $\frac{1}{x^{30}} = x^{-30}$ $\frac{d}{dx} x^{-30} = -30x^{-31} = -\frac{30}{x^{31}}$ $\frac{d}{dx} \frac{1}{x^{30}} = -\frac{30}{x^{31}}$
 $\frac{1}{x^{31}} = x^{-31}$ $\frac{d}{dx} x^{-31} = -31x^{-32} = -\frac{31}{x^{32}}$ $\frac{d}{dx} \frac{1}{x^{31}} = -\frac{31}{x^{32}}$
 $\frac{1}{x^{32}} = x^{-32}$ $\frac{d}{dx} x^{-32} = -32x^{-33} = -\frac{32}{x^{33}}$ $\frac{d}{dx} \frac{1}{x^{32}} = -\frac{32}{x^{33}}$
 $\frac{1}{x^{33}} = x^{-33}$ $\frac{d}{dx} x^{-33} = -33x^{-34} = -\frac{33}{x^{34}}$ $\frac{d}{dx} \frac{1}{x^{33}} = -\frac{33}{x^{34}}$
 $\frac{1}{x^{34}} = x^{-34}$ $\frac{d}{dx} x^{-34} = -34x^{-35} = -\frac{34}{x^{35}}$ $\frac{d}{dx} \frac{1}{x^{34}} = -\frac{34}{x^{35}}$
 $\frac{1}{x^{35}} = x^{-35}$ $\frac{d}{dx} x^{-35} = -35x^{-36} = -\frac{35}{x^{36}}$ $\frac{d}{dx} \frac{1}{x^{35}} = -\frac{35}{x^{36}}$
 $\frac{1}{x^{36}} = x^{-36}$ $\frac{d}{dx} x^{-36} = -36x^{-37} = -\frac{36}{x^{37}}$ $\frac{d}{dx} \frac{1}{x^{36}} = -\frac{36}{x^{37}}$
 $\frac{1}{x^{37}} = x^{-37}$ $\frac{d}{dx} x^{-37} = -37x^{-38} = -\frac{37}{x^{38}}$ $\frac{d}{dx} \frac{1}{x^{37}} = -\frac{37}{x^{38}}$
 $\frac{1}{x^{38}} = x^{-38}$ $\frac{d}{dx} x^{-38} = -38x^{-39} = -\frac{38}{x^{39}}$ $\frac{d}{dx} \frac{1}{x^{38}} = -\frac{38}{x^{39}}$
 $\frac{1}{x^{39}} = x^{-39}$ $\frac{d}{dx} x^{-39} = -39x^{-40} = -\frac{39}{x^{40}}$ $\frac{d}{dx} \frac{1}{x^{39}} = -\frac{39}{x^{40}}$
 $\frac{1}{x^{40}} = x^{-40}$ $\frac{d}{dx} x^{-40} = -40x^{-41} = -\frac{40}{x^{41}}$ $\frac{d}{dx} \frac{1}{x^{40}} = -\frac{40}{x^{41}}$
 $\frac{1}{x^{41}} = x^{-41}$ $\frac{d}{dx} x^{-41} = -41x^{-42} = -\frac{41}{x^{42}}$ $\frac{d}{dx} \frac{1}{x^{41}} = -\frac{41}{x^{42}}$
 $\frac{1}{x^{42}} = x^{-42}$ $\frac{d}{dx} x^{-42} = -42x^{-43} = -\frac{42}{x^{43}}$ $\frac{d}{dx} \frac{1}{x^{42}} = -\frac{42}{x^{43}}$
 $\frac{1}{x^{43}} = x^{-43}$ $\frac{d}{dx} x^{-43} = -43x^{-44} = -\frac{43}{x^{44}}$ $\frac{d}{dx} \frac{1}{x^{43}} = -\frac{43}{x^{44}}$
 $\frac{1}{x^{44}} = x^{-44}$ $\frac{d}{dx} x^{-44} = -44x^{-45} = -\frac{44}{x^{45}}$ $\frac{d}{dx} \frac{1}{x^{44}} = -\frac{44}{x^{45}}$
 $\frac{1}{x^{45}} = x^{-45}$ $\frac{d}{dx} x^{-45} = -45x^{-46} = -\frac{45}{x^{46}}$ $\frac{d}{dx} \frac{1}{x^{45}} = -\frac{45$



Handwritten signature in blue ink, likely reading "W. J. ...".