



3. $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$ $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$

[illegible]

5. $\frac{1}{2} \times \frac{3}{4} = \frac{1 \times 3}{2 \times 4} = \frac{3}{8}$

[illegible]

(۴) $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$
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 $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$

6. $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{4} \times \frac{1}{5} = \frac{1}{20}$ $\frac{1}{6} \times \frac{1}{7} = \frac{1}{42}$ $\frac{1}{8} \times \frac{1}{9} = \frac{1}{72}$ $\frac{1}{10} \times \frac{1}{11} = \frac{1}{110}$

[illegible][illegible]

(۴) اَدَاةٔ نَسُوْخِ سَوْعِ اَدَاةٔ اِقْتِصَادِ وِجْدِ اِقْتِصَادِ سَوْعِ
اِقْتِصَادِ وِجْدِ وِجْدِ اِقْتِصَادِ (اِقْتِصَادِ دَرِ قَرْنِ قَرْنِ
اِسْرَافِ) وِجْدِ وِجْدِ اِقْتِصَادِ اِقْتِصَادِ سَوْعِ دَرِ دَعْوِ
وِجْدِ اِقْتِصَادِ سَوْعِ (وِجْدِ سَوْعِ) وِجْدِ سَوْعِ اِقْتِصَادِ اِقْتِصَادِ
سَوْعِ وِجْدِ اِقْتِصَادِ اِقْتِصَادِ اِقْتِصَادِ اِقْتِصَادِ اِقْتِصَادِ
سَوْعِ وِجْدِ اِقْتِصَادِ اِقْتِصَادِ اِقْتِصَادِ اِقْتِصَادِ اِقْتِصَادِ

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 $\frac{1}{x^5} = x^{-5}$ $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$ $\frac{d}{dx} \frac{1}{x^5} = -\frac{5}{x^6}$
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 $\frac{1}{x^7} = x^{-7}$ $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$ $\frac{d}{dx} \frac{1}{x^7} = -\frac{7}{x^8}$
 $\frac{1}{x^8} = x^{-8}$ $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$ $\frac{d}{dx} \frac{1}{x^8} = -\frac{8}{x^9}$
 $\frac{1}{x^9} = x^{-9}$ $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$ $\frac{d}{dx} \frac{1}{x^9} = -\frac{9}{x^{10}}$
 $\frac{1}{x^{10}} = x^{-10}$ $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$ $\frac{d}{dx} \frac{1}{x^{10}} = -\frac{10}{x^{11}}$



