

• a/b/aEae Oapae Oiaq;aa/paBiaBaeYae Oae Iao'an aA/OaaBa Ia Oaaq;ae aaBiaYae/OaaYae Oaaq;aaEa %aaq;aaAas 1/EOAae Ia • aYafA, 3/aaOaOaAae 3/aaq;ae fOaAaaA OEeaa taSA qh Oae Iao'an paaae taSA 3/aaOa Oaa taEeaa Ia 3/aaq;aa | an IaaO^a CaaEan | 3/aaOaBae taSA qh A0aa; a qh Oaa; a qh IaaOaa WYaa; a, ' | aaA qh Aa; a paa EaaEaa 1aEe/OaaOa 3/aa 1aEe/Aa qh Oaeç • aaeç • aaeAy | 3/aa OaaEa a qh paaae 3/aa^a 1aEe/OaaOa paaae aaeAa-a • aaeç y EaaB qh paaae 1aEe/OaaOa OaaEa OaaBae 1aEe/OaaOa • aaeç'' (5)

3/aa taSA 3/aa a/b/aEa Iaaq; a qh Naq; aaOaa O; aa Ia aEae Oaa. qh 1aEe a 1aa qh „ Oaa; a qh 1aaO; a qh. Oiaq;aa/paBiaBae 3/aa taSA Ba; a Oaa; a qh Oiaq;aa/paBiaBae Oiaq;aa/paBiaBae Oaa; a qh fOaA IaaOaaAae^a Eaa a qh Eaa. 3/aa Eaa 3/aa paa, aa-a fOaA Oaa; a taSY Oae „ EEae a Oaa; a | a qh Oae 1aEe/OaaOa 3/aa qh; Eae aae Oae qh „ 1aEe/OaaOa paaae aae taSA 1aa; a' 3/aa Apaa qh IaaOaa qh 1aa Eae, aaO 3/aa a/b/aEa a qh Eaa Oa 1aa; a | WYaa-an 1aaEa O> a qh a/b/aEa qh Oaa; a 3/aaOaOa „ taEae 3/aa an taSA taSA qh aa Oaa; a

1aaA; a qh a/b/aEa a; a Oae 1aa; a; 3/aa Ia aEa taEeaa, aaO ' aaAaYae a/b/aEa aae qh IaaOaa qh a „ 1aa 3/aa 3/aa, aaq;aa a ' aaAaYae 1aa; a' Oae Apaa a/b/aEa taEe/OaaOa 1aaO; aae aaBia; aa 3/aa 1aa; a; 3/aa qh, a/b/aEa aaAaYae an taOaaOa taEe a Iaa qh, aaEan, aOaaan 3/aa paa, aaEa a Oaa; a qh

'Aa-aa aa aae a/a; aae (1aaYae aa) 'Aa-aaae IaaO, ' CaaEae aae Aae aae Eaa/aaafA, 'aa Ia Oaa; a qh, ' aa aae aae aae 1/aa; a qh, „ aa 1aa Caa Caa; a' 3/aa OaaE 3/aa 1aaEae aae aae qh IaaOaaEe IaaYae a Eaa; a taEeaa, 1aa; a; a 3/aa Ia aEa taEeaa aa Oaa 3/aa 3/aa Ia aAa qh 1aa; a qh 1aa; aae 1aa an Ia aA qh | 3/aa aEa aae aYae taSA qh 1aaEae aae • a qh a qh aEa 1aa; a Ia aae Ia Eaa, aOae 3/aa an Eaa; a qh.

aa aIaaOa 1aa> aEa 3/aa 3/aa 1aa; a qh 3/aa taSA aAaEa, aaEaaEa 1/aa qh> 3/aa ' 1aa; a' aa aIaaOaa OaaOaaOaa 3/aa 3/aa 'Aa-aa aa aae a/a; aae 3/aa taSA aAaEa paaEa taEeaa, aaEaa; a ' aYaa; aa Aa-aa' qh> taSA qh IaaOaa an 1aa a Aaa qh 1aa; a; a OaaE 3/aa an Oaa^a aEae an, aaO 3/aa 1aaYae an f; a Oae taSOae taOaaOa taEe Oaa; a qh> taSA qh Oaa-aaOaa 1aa; a; 3/aa Ia OaaEaa WYaa qh IaaOaa paa Ia aEa aae aa Oaa 3/aa

, aa; a; 3/aa taSA Ba; aEa -aa qh a 1/aa aEa taEa 'aa aa 3/aa aOae aa Iaa' 3/aa qh> taSA/aaOiaq;aa/aaEa taSA Ba; aEa aaEaEa taOaaOa taEe aae; Ia aa paaEa fOaA Oaa OaaYae 1aa; a; 3/aa Ia OaaEaa 1aa a WYaa qh IaaOaa paa Ia aEa aae aa Oaa 3/aa • a qh qh 3/aa IaaOaa 3/aa 1aa; a; n Ia f; a Apaa paa Ia aEa 3/aa qh> taSA; a taEeaa aOaa/aaOaa aaBia; aa | 3/aa aIaaYae an 'aa aae aae, aa AaaE. a f qh aa/aaOaa 1aaOEEaa' 3/aa qh> taSA; a qh> taSA; a Aa-aa/aa; aa; n Ia IaaOaa OaaEae aEa 1/aa; a 3/aa Oaa-aa aIaaEae taSA aae taEeaa 1aa; a; 3/aa 3/aa 1aaEae/aa; a qh Oaa; a qh taEeaa, aaO 1aaAaaOaa IaaOaaEe Ia, aa qh taSA aae aa paaEae 1aa; aEae IaaOaaEe/aa; a qh Oaa; a qh 1aa; a; a IaaOaa 1aEe an IaaO, , aa qh taSA, ce a/a; aae aa aae 1/aaAa-a 3/aa 3/aa

1aEe OaaEa Eaa taEe , ; aOaa/aa-aaEa Oaa/aaEa;

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

2. $\frac{d}{dx} \ln(x^2) = \frac{1}{x^2} \cdot 2x = \frac{2}{x}$

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1. $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$
2. $\frac{d}{dx} \ln(x^2) = \frac{1}{x^2} \cdot 2x = \frac{2}{x}$
3. $\frac{d}{dx} x^3 = 3x^2$
4. $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$
5. $\frac{d}{dx} x^3 = 3x^2$