$$\begin{vmatrix}
5 & 2 \\
7 & 3
\end{vmatrix} = 53 - 2.7 = 15 - 14 = 1$$

$$-2 - |1 & 2 | = 1.4 - 2.3 = 4 - 6 = -2$$

$$\begin{vmatrix}
3 & 4 | & 4 | & 4 \\
-3 & 4 | & 4 | & 4 \\
-3 & 4 & 4 | & 4 |
\end{vmatrix} = 3.5 - 2.8 = 15 - 16 = -1$$

$$\begin{vmatrix}
6 & 9 | & 4 | & 4 \\
8 & 12 | & 4 | & 4 \\
-4 - |6 & 9 | & 4 | & 4 \\
-6 & 12 | & 4 | & 4 |
\end{vmatrix} = 6.12 - 9.8 = 72 - 72 = 0$$

$$\begin{vmatrix}
6 & 9 | & 4 | & 4 \\
8 & 12 | & 4 |
\end{vmatrix} = 6.12 - 9.8 = 72 - 72 = 0$$

$$\begin{vmatrix}
6 & 9 | & 4 | & 4 \\
8 & 12 | & 4 |
\end{vmatrix} = 6.12 - 9.8 = 72 - 72 = 0$$

$$\begin{vmatrix}
6 & 9 | & 4 | & 4 |
\\
8 & 12 | & 4 |
\end{vmatrix} = 6.12 - 9.8 = 72 - 72 = 0$$

$$\begin{vmatrix}
6 & 9 | & 4 | & 4 |
\\
8 & 12 | & 4 |
\end{vmatrix} = 6.12 - 9.8 = 32 - 72 = 0$$

$$\begin{vmatrix}
6 & 9 | & 4 |
\\
8 & 12 | & 4 |
\end{vmatrix} = 6.12 - 9.8 = 32 - 72 = 0$$

$$\begin{vmatrix}
6 & 9 | & 4 |
\\
8 & 12 | & 4 |
\end{vmatrix} = 6.12 - 9.8 = 32 - 72 = 0$$

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\\
8 & 12 | & 4 |
\end{vmatrix} = 6.12 - 9.8 = 32 - 72 = 0$$

$$\begin{vmatrix}
6 & 9 | & 4 |
\\
8 & 12 | & 4 |
\end{vmatrix} = 6.12 - 9.8 = 32 - 72 = 0$$

$$|a^2 a | = |a^2 | |^2 - |a | | |a | |^2 - |a | |^2 - |a | |^2 = 0$$

$$|N - 1| = (N+1)(N+1) - NN = (N_5 - 1) - N_5 = -1$$

$$\begin{vmatrix} a+b & a-b \\ a-6 & a+6 \end{vmatrix} =$$

$$= (a+0)(a+6) - (a-6)(a-6) = (a+6)^2 - (a-6)^2 =$$

$$= (a^2+2ab+b^2) - (a^2-2ab+b^2) = 4ab$$

$$= \frac{1-t^2}{1+t^2} \frac{1-t^2}{1+t^2} - \frac{2t}{1+t^2} - \frac{2t}{1+t^2} = \frac{(1-t^2)^2 + (2t)^2}{(1+t^2)^2} = \frac{(1-t^2)^2 + (2t)^2}{(1+t^2)^2} = \frac{(1-t^2)^2}{(1+t^2)^2} = \frac{(1-t^2)^$$

$$\frac{-15-}{1+t^2}$$

$$\frac{(1-t)^2}{1+t^2}$$

$$\frac{2t}{1+t^2}$$

$$= \frac{(1-t)^2}{1+t^2} \left(-1\right) \frac{(1+t)^2}{1+t^2} - \frac{2t}{1+t^2} = \frac{2t}{1+t^2} = -\frac{(1-t)^2(1+t)^2}{(1+t)^2} + \frac{(2t)^2}{1+t^2}$$

$$J = -\frac{(1+t^2)^2}{(1+t^2)^2} = -1$$

$$\frac{1+t^{2}}{1-t^{2}} \frac{2t}{1-t^{2}} = \frac{1+t^{2}}{1-t^{2}} = \frac{1+t^{2}}{1-t^{2}} \frac{1+t^{2}}{1-t^{2}} = \frac{2t}{1-t^{2}} \frac{1+t^{2}}{1-t^{2}} = \frac{2t}{1-t^{2}} \frac{1+t^{2}}{1-t^{2}} = \frac{2t}{1-t^{2}} = \frac{(1+t^{2})^{2}-(2t)^{2}}{(1-t^{2})^{2}} = \frac{(1+2t^{2}+t^{2})-4t^{2}}{(1-t^{2})^{2}} = \frac{1-2t^{2}+t^{2}}{(1-t^{2})^{2}} = \frac{1-2t^{2}+t^{2}}{(1-t^{2})^{2}} = \frac{1-t^{2}}{(1-t^{2})^{2}} = \frac{1-t^{2}}{(1-$$

-20 -(DS + 15M2 | = = (204 + isin) (nost-ion4) -1 = (not) - (isinx) 2] - 1 = = (m2d-12sm2d)-1 = = \ [s = 1] = (nsg + sing) -1 = = \ = 1-1=0 -21atbi ctdi = = (a+bi) (a-bi) - (C+di) (-C+di) = (a+bi) (a-bi) + (C+di) (C-di)= = [a2-(Bi)2]+[c2-(Bi)2] = (2-B2i2)+(c2-di2) = = \[ \light[ i\_2 = 1 \right] = \d\_5 + \B\_5 + \G\_7 + d\_5