

Subject:

Year: Month: Date:

$$\begin{array}{r}
 2135 \mid 2 \\
 2 \\
 \hline
 13 \\
 12 \\
 \hline
 15 \\
 14 \\
 \hline
 1 \\
 \hline
 \end{array}
 \begin{array}{r}
 109V \\
 10 \\
 \hline
 9 \\
 9 \\
 \hline
 2 \\
 2 \\
 \hline
 11 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 233 \\
 4 \\
 \hline
 13 \\
 12 \\
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 13 \\
 12 \\
 \hline
 1 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 244 \\
 2 \\
 \hline
 9 \\
 9 \\
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 9 \\
 9 \\
 \hline
 0 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
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 133 \\
 12 \\
 \hline
 13 \\
 12 \\
 \hline
 1 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 99 \\
 9 \\
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 9 \\
 9 \\
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 0 \\
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 \end{array}
 \begin{array}{r}
 2 \\
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 33 \\
 2 \\
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 13 \\
 12 \\
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 1 \\
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 \end{array}
 \begin{array}{r}
 2 \\
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 19 \\
 14 \\
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 0 \\
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 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 1 \\
 1 \\
 \hline
 0 \\
 0 \\
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 0 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 4 \\
 2 \\
 \hline
 2 \\
 2 \\
 \hline
 1 \\
 \hline
 \end{array}$$

$$(1^{11} \ 0^{10} \ 0^9 \ 0^8 \ 0^7 \ 1^6 \ 0^5 \ 1^4 \ 0^3 \ 1^2 \ 1^1 \ 1^0)_p = (2058 \times 1)$$

$$+ (94 \times 1) + (19 + 1) + (9 \times 1) + (2 \times 1) + (1 \times 1) = 2135$$

$$\begin{array}{r}
 2432 \mid 2 \\
 2 \\
 \hline
 04 \\
 4 \\
 \hline
 3 \\
 2 \\
 \hline
 12 \\
 12 \\
 \hline
 0 \\
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 \end{array}
 \begin{array}{r}
 1219 \\
 12 \\
 \hline
 14 \\
 14 \\
 \hline
 0 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 908 \\
 9 \\
 \hline
 08 \\
 8 \\
 \hline
 0 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 304 \\
 2 \\
 \hline
 102 \\
 14 \\
 \hline
 10 \\
 12 \\
 \hline
 4 \\
 12 \\
 \hline
 0 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 122 \\
 14 \\
 \hline
 12 \\
 12 \\
 \hline
 0 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 144 \\
 14 \\
 \hline
 14 \\
 14 \\
 \hline
 0 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 38 \\
 2 \\
 \hline
 19 \\
 14 \\
 \hline
 18 \\
 14 \\
 \hline
 0 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 19 \\
 14 \\
 \hline
 18 \\
 14 \\
 \hline
 0 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 19 \\
 14 \\
 \hline
 18 \\
 14 \\
 \hline
 0 \\
 \hline
 \end{array}
 \begin{array}{r}
 2 \\
 2 \\
 \hline
 19 \\
 14 \\
 \hline
 18 \\
 14 \\
 \hline
 0 \\
 \hline
 \end{array}$$

$$(1^{11} \ 0^{10} \ 0^9 \ 0^8 \ 0^7 \ 1^6 \ 0^5 \ 1^4 \ 0^3 \ 1^2 \ 1^1 \ 1^0)_p = (2058 \times 1) + (204 \times 1) +$$

$$(12 \times 1) = 2432$$

Year:.....Month:.....Date:

[illegible]

$$\begin{pmatrix} 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & 1 \end{pmatrix}_r = (10Y^5 \times 1) + (Y^5 \times 1) + (1 \times 1) = 10Y^9$$

[illegible]

$$\begin{pmatrix} 1 & 2^{10} & & & & & & & & & \\ & 2^9 & & & & & & & & & \\ & & 2^8 & & & & & & & & \\ & & & 2^7 & & & & & & & \\ & & & & 2^6 & & & & & & \\ & & & & & 2^5 & & & & & \\ & & & & & & 2^4 & & & & \\ & & & & & & & 2^3 & & & \\ & & & & & & & & 2^2 & & \\ & & & & & & & & & 2^1 & \\ & & & & & & & & & & 2^0 \end{pmatrix}_r = (1 \cdot 2^6 \times 1) + (1 \cdot 2^8 \times 1) +$$

$$(19 \times 1) + (1 \times 1) + (9 \times 1) + (7 \times 1) + (1 \times 1) = 1029 + 19 + 17 + 1 + 9 + 7$$

$$+1 = 11 \wedge w$$

Year:.....Month:.....Date:.....

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سید یاسر علی

[illegible]

$$\begin{pmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \end{pmatrix} = (1 \times 1) + (2 \times 1) + (5 \times 1) + (1 \times 1) + (19 \times 1) +$$

$$(32 \times 1) + (96 \times 1) + (128 \times 1) + (5 \times 1) + (12 \times 1) = 1 + 2 + 5 + 14 + 32 + 96$$

$$+ 12\lambda + 2\omega_4 + \omega_{12} = 1.23$$

Handwritten mathematical work on lined paper, showing a series of calculations and divisions, likely related to the Fibonacci sequence. The work is organized into columns, with numbers and symbols (like $\frac{1}{2}$) written in a cursive script. The calculations involve fractions and whole numbers, with some results underlined or boxed. The work appears to be a student exercise or a personal study of the Fibonacci sequence.

$$\begin{pmatrix} y^H & y^1 & y^9 & y^{\wedge} & y^v & y^y & y^{\omega} & y^{\pi} & y^w & y^r & y^1 & y^0 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{pmatrix}_r = (y_0 \in \wedge \times 1) + (1 \times 1) =$$

$$r_0 f_{\lambda+1} = r_0 f_9$$

Subject:

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$$\begin{array}{r}
 3422 \mid 2 \\
 2 \\
 \hline
 14 \\
 14 \\
 \hline
 2 \\
 2 \\
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 2 \\
 2 \\
 \hline
 0
 \end{array}
 \begin{array}{r}
 1811 \mid 2 \\
 18 \\
 \hline
 11 \wedge \\
 10 \mid 10 \\
 \hline
 11 \\
 10 \\
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 0
 \end{array}
 \begin{array}{r}
 905 \mid 2 \\
 905 \\
 \hline
 4 \\
 4 \\
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 12 \\
 12 \\
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 \end{array}
 \begin{array}{r}
 229 \mid 2 \\
 229 \\
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 2 \\
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 13 \\
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 \end{array}
 \begin{array}{r}
 113 \mid 2 \\
 113 \\
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 \end{array}
 \begin{array}{r}
 24 \mid 2 \\
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 \begin{array}{r}
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 1 \mid 2 \\
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 \end{array}$$

$$(1^2 1^1 1^0 1^9 2^8 2^7 2^6 2^5 2^4 2^3 2^2 2^1 2^0)_2 = (1048x1) + (1048x1) +$$

$$(212x1) + (32x1) + (4x1) + (2x1) = 1048 + 1048 + 212 + 32 + 4 + 2 = 3422$$

$$\begin{array}{r}
 1214 \mid 2 \\
 12 \\
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 \end{array}
 \begin{array}{r}
 908 \mid 2 \\
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 \end{array}$$

$$(1^2 1^1 1^0 1^9 2^8 2^7 2^6 2^5 2^4 2^3 2^2 2^1 2^0)_2 = (1048x1) + (128x1) +$$

$$(94x1) + (1x1) = 1048 + 128 + 94 + 1 = 1214$$