\#1-6 Sequence 5 WS scrambled answers (front) \#11-18
$-4,-2,0,2 \quad 0,6,12,18 \quad \vdots \quad$ recursive explicit $\quad$ recursive
7,11,15,19 2,5,8,11

$$
\text { explicit } \quad \text { explicit } \quad \text { recursive }
$$

$$
-3,-8,-13,-18 \quad 8,4,0,-4
$$

\#7

$$
\begin{array}{lll}
a_{n}=-2 n-2 & a_{n}=a_{n-1}-13 & a_{n}=a_{n-1}-2 \quad a_{n}=-13 n+97 \\
& a_{1}=84 & a_{1}=-4
\end{array}
$$

### 11.1 Mathematical Patterns scrambled answers (Seq 5 back)

Ex \#1 \& 2
12,6,0,-6,-12

Ex \#3
Geometric
Arithmetic
Geometric
Neither

$$
\begin{array}{lll}
a_{n}=-1(-1)^{n-1} & a_{n}=16\left(\frac{1}{2}\right)^{n-1} & a_{n}=4 n+0 \\
a_{n}=a_{n-1}+4 & a_{n}=a_{n-1} \cdot-1 & a_{n}=a_{n-1} \cdot \frac{1}{2} \\
a_{1}=4 & a_{1}=-1 & a_{1}=16
\end{array}
$$

$$
\begin{aligned}
& \mathbf{0 , 2 , 6 , 1 2 , 2 0} 2,5,8,11,14 \\
& 12,4, \frac{4}{3}, \frac{4}{9}, \frac{4}{27}
\end{aligned}
$$

