

3

POSLOUPNOSTI

• ARITMETICKÁ

d... DIFERENCE ⊕

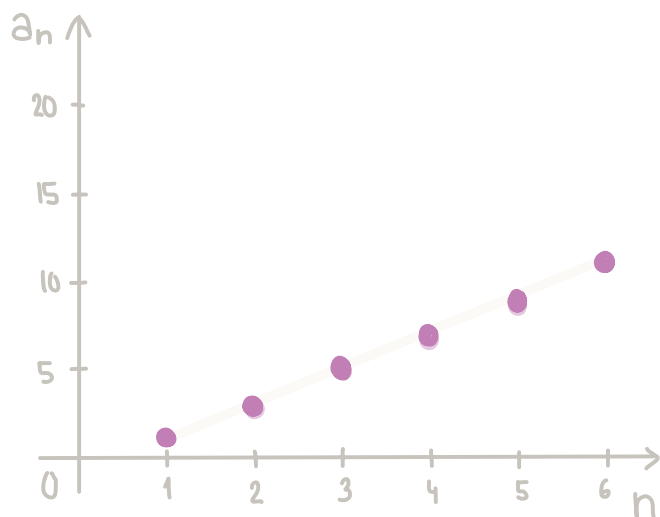
$$a_{n+1} = a_n + d$$

$$a_n = a_1 + (n-1)d$$

$$a_s = a_r + (s-r)d$$

$$S_n = \frac{n}{2} (a_1 + a_n)$$

pr. $\overset{+2}{\curvearrowright} \overset{+2}{\curvearrowright} \overset{+2}{\curvearrowright} \overset{+2}{\curvearrowright} \overset{+2}{\curvearrowright}$
 1, 3, 5, 7, 9, 11,



• GEOMETRICKÁ

q... KVOCIENT ⊗

$$a_{n+1} = a_n \cdot q$$

$$a_n = a_1 \cdot q^{n-1}$$

$$a_s = a_r \cdot q^{s-r}$$

$$S_n = a_1 \cdot \frac{q^n - 1}{q - 1}$$

pr. $\overset{\cdot 2}{\curvearrowright} \overset{\cdot 2}{\curvearrowright} \overset{\cdot 2}{\curvearrowright} \overset{\cdot 2}{\curvearrowright} \overset{\cdot 2}{\curvearrowright}$
 1, 2, 4, 8, 16, 32,

