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(311)

$$\begin{array}{r} a_1 \quad a_2 \quad a_3 \\ \left\{ \begin{array}{l} a_1 + a_2 + a_4 = 26 \\ a_1 + a_3 + a_4 = 30 \\ \downarrow \quad \downarrow \quad \downarrow \\ x + x+d + x+2d = 30 \\ 3x+3d = 30 \end{array} \right. \\ \boxed{a_3 = x+d = 10} \\ a_1 = 10-d \\ a_4 = 10+d \end{array}$$

$$\begin{array}{r} a_4 \\ 26 = a_1 + a_2 + a_4 \text{ gegeben} \\ 26 = 10-d + a_2 + 10+d \\ \boxed{6 = a_2} \\ a_2^2 = a_1 a_4 \\ 36 = (10-d)(10+d) = 100 - d^2 \\ \boxed{d = \pm 8} \\ d=8 \rightarrow 2, 6, 10, 18 \\ d=-8 \rightarrow 18, 6, 10, 2 \end{array}$$