

Precalc - BE Monday 1-11-10

① From memory, list the 3 formulas we used last week:

① $a_n = ?$

② $S_n = ?$ (using n, a_1, a_n)

③ $S_n = ?$ (using n, a_1, d)

① $a_n = \{a_1 + (n-1)d\}$ Substitute ① into ② to get ③

② $S_n = \frac{n}{2} (a_1 + \{a_n\})$

③ $S_n = \frac{n}{2} (2a_1 + (n-1)d)$

• Homework review Pg 764 #38, 40, 45, 46
Pg 765 #66

③8 $\boxed{227}$

④0 $\boxed{-5, -2, 1, 4}$

④5 $\boxed{1456}$

④6 $\boxed{n=8}$

⑥6 $\boxed{d=-23, \text{ two imaginary roots}}$

• IGW @ 3 HW 1

• Q3 Quiz 1 tomorrow