

Get a black calculator from the front table!!

Bell ringer

Find the 10<sup>th</sup> term of  
the geometric sequence.  
72, 48, 32, ...

[Round to  
thousandth]

$$a_n = a_1 \cdot r^{n-1} \quad \frac{32}{48} = \frac{2}{3}$$

$$= 72 \cdot \left(\frac{2}{3}\right)^{10-1}$$

$$\approx 1.873$$

No homework due to quiz

31

48, -96, 192, -384, 768

-1536, 3072, -6144

52)  $-1, 1, -1, 1, \dots$

$$a_n = -1 \cdot (-1)^{n-1}$$