

## M3 Complex Numbers Review



trywer9o

1. Add:  $(8 + 4i) + (10 - 2i)$

- A.  $18 + 2i$       B.  $18 + 6i$       C.  $18 - 2i$       D.  $18 - 6i$

2. Simplify:  $\sqrt{-81} + 3\sqrt{-25} + \sqrt{-4}$

- A.  $26i$       B.  $-26i$       C.  $26$       D.  $-26$

3. Express  $2i^4 + 5i^3 + 2i^2 + 4i + 1$  in the form  $a + bi$ .

- A.  $1 + 9i$       B.  $1 - i$       C.  $1 + i$       D.  $9i - i$



M3 Complex Numbers Review 10/21/2014

1.  
Answer: A  
Objective: N.CN.02
2.  
Answer: A  
Objective: N.CN.02
3.  
Answer: B  
Objective: N.CN.02
4.  
Answer: B  
Objective: N.CN.02
5.  
Answer: D
6.  
Answer: A