

## Molecular Orbital Diagram Worksheet

Name: \_\_\_\_\_

Draw molecular orbital diagrams for each of the following molecules or ions. Determine the bond order of each and use this to predict whether or not the molecule exists. Determine whether each is paramagnetic or diamagnetic.

<p>(a) <math>H_2</math></p>	<p>(b) <math>H_2^+</math></p>
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