Name: Date:

Grade 8 Science Quiz

1. Complete each of the diagrams to represent the different scenarios of precision and accuracy:
2. [](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=zXQZ4hFKS6KPfM&tbnid=8ooI6BZMesGX7M:&ved=0CAUQjRw&url=http://www.versiononevinyl.com/index.php?main_page=product_info&products_id=189&ei=VYFlUvrzCIm4yQGOp4DIBQ&bvm=bv.54934254,d.aWc&psig=AFQjCNEVn1nG-BEoe2gXxInNrwVIA47zBA&ust=1382470347625001) b. [](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=zXQZ4hFKS6KPfM&tbnid=8ooI6BZMesGX7M:&ved=0CAUQjRw&url=http://www.versiononevinyl.com/index.php?main_page=product_info&products_id=189&ei=VYFlUvrzCIm4yQGOp4DIBQ&bvm=bv.54934254,d.aWc&psig=AFQjCNEVn1nG-BEoe2gXxInNrwVIA47zBA&ust=1382470347625001)



Accurate AND precise Accurate but NOT precise



c. [](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=zXQZ4hFKS6KPfM&tbnid=8ooI6BZMesGX7M:&ved=0CAUQjRw&url=http://www.versiononevinyl.com/index.php?main_page=product_info&products_id=189&ei=VYFlUvrzCIm4yQGOp4DIBQ&bvm=bv.54934254,d.aWc&psig=AFQjCNEVn1nG-BEoe2gXxInNrwVIA47zBA&ust=1382470347625001) d. [](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=zXQZ4hFKS6KPfM&tbnid=8ooI6BZMesGX7M:&ved=0CAUQjRw&url=http://www.versiononevinyl.com/index.php?main_page=product_info&products_id=189&ei=VYFlUvrzCIm4yQGOp4DIBQ&bvm=bv.54934254,d.aWc&psig=AFQjCNEVn1nG-BEoe2gXxInNrwVIA47zBA&ust=1382470347625001)



Precise but NOT accurate NOT accurate, NOT precise

1. What is meant by “cellular respiration” and “photosynthesis”?



1. Put the steps of the scientific method in the correct order.



Analyze the results make a hypothesis make a conclusion



ask a testable question Design and conduct an experiment



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2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_