SCIENCE LAB RUBRIC		1	2	3	4	5
Clarity of Purpose	Heading	①	②			
	Problem/ Question	①	②			
	Hypothesis	①	②	③		
	Theory	①	②	③	④	
Organization	Materials	①	②			
	Procedures		②	③	④	⑤
	Results: Data Table	①	②	③		
	Results: Graph	①	②	③	④	⑤
Support	Data Analysis		②	③	④	⑤
	Calculations	①	②	③		
	Conclusion	①	②	③	④	⑤
Mechanic		①	②	③		

1000000250900100000000000000076a

Constellation/Star Names and Spectrum Quiz

Each answer is worth 2 points.

How many stars are visible to the naked eye on a moonless night?

1. _____ 0

Patterns and drawn figures in the sky made by connecting the bright stars are called

2. _____ 0

What are the 3 oldest known constellations?

3. _____ 0
4. _____ 0
5. _____ 0

What are the 4 roles of constellations?

6. _____ 0
7. _____ 0
8. _____ 0
9. _____ 0

The most common names of stars in use today are of what origin?

10. _____ 0

What are the 2 parts of a "Bayer Name" for a star?

11. _____ 0
12. _____ 0

1000000222600100000000000211a

List the Bayer Name for the 3 brightest stars in the constellation Orion in order from 1st brightest to 3rd brightest.

13. _____ 0
14. _____ 0
15. _____ 0

Stars are classified according to what?

16. _____ 0

What is the definition of spectra?

17. _____ 0

_____

List the 7 classes of stars in order of decreasing temperature.

18. _____ 0

Where do 90% of stars lie on the H-R Diagram?

19. _____ 0

Which class of stars is amongst the most common naked eye stars?

20. _____ 0

1000000222600200000000000211a

Metric Conversion and Scientific Notation Quiz

Convert the following using the metric ladder: (1 pt each)

1. 277kg = _____ g ⓪
2. 876mm = _____ m ⓪
3. 0.9cL = _____ L ⓪
4. 3.567dm = _____ m ⓪
5. 0.876g = _____ mg ⓪
6. 48L = _____ kL ⓪
7. 45m = _____ cm ⓪
8. 8mm = _____cm ⓪
9. 65g = _____ mg ⓪
10. 5.6 kL = _____ mL ⓪

Convert the following to scientific notation: (1 pt each)

11. 0.9 _____ ⓪
12. 8475634 _____ ⓪
13. 0.0000895 _____ ⓪
14. 657 _____ ⓪
15. 10 _____ ⓪
16. 0.000005 _____ ⓪
17. 0.0048026 _____ ⓪
18. 450 _____ ⓪
19. 0.010 _____ ⓪
20. 111111 _____ ⓪

1000000222500100000000000000211a

Convert the following into standard notation: (1 pt each)

21. 7.8×10^{-5} _____ 0

22. 1.5×10^{6} _____ 0

23. 3.584×10^{3} _____ 0

24. 5.2×10^{8} _____ 0

25. 5.55×10^{-7} _____ 0

26. 8.65×10^{-1} _____ 0

27. 91.25×10^{3} _____ 0

28. 1.0×10^{-6} _____ 0

29. 2.568×10^{-3} _____ 0

30. 6451.458×10^{3} _____ 0

1000000222500200000000000211a