

## Exam 2 Part 2

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7. Write the full electron configuration for F

8. Write the abbreviated configuration for F

9. Write the abbreviated configuration for Y

10. Write 0.000000395 in scientific notation \_\_\_\_\_

Write  $1.5 \times 10^{-5}$  as an ordinary number \_\_\_\_\_

### Supplemental Questions for H Chem

1. A light has a wavelength of  $5.55 \times 10^{-15}$  m. What is the frequency?

(You must show the formula that you are using, the algebra, have units in your setup, and units in your answer!)

2. A light has a frequency of  $3.33 \times 10^{13}$  Hz. What is the wavelength?

(You must show the formula that you are using, the algebra, have units in your setup, and units in your answer!)