

Halves, Quarters, and Eighths

Friday 11/14/08

Name:
Homeroom:
Mr. Z.'s Science Class
11/14/08

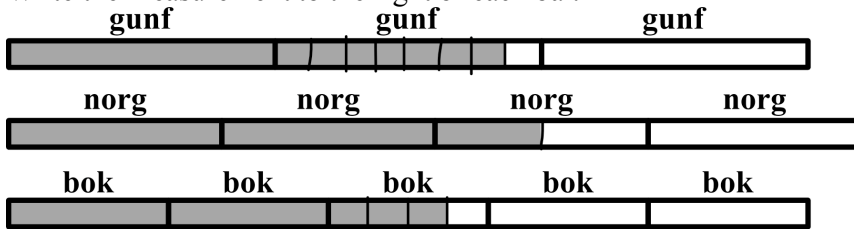
Do-now: Halves, quarters, and eighths

1. Why do you think it is so common for people to divide measurements into halves, quarters, and eighths, instead of, say, sevenths or ninths?
2. How many eighths is five quarters?
3. How many halves is six quarters?

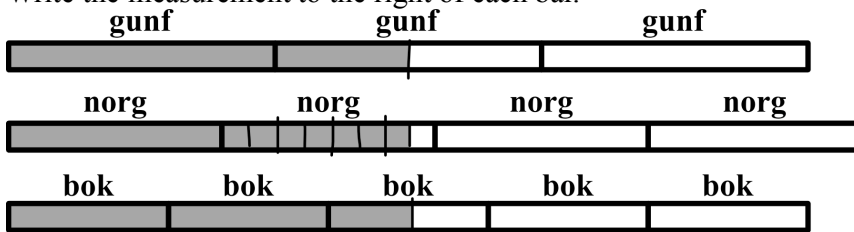
Name that measurement

For each of the following pictures, write what the measurement would be for each line. Don't forget to include the units!

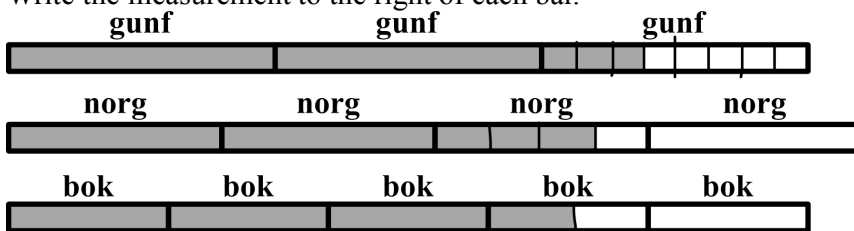
4. Write the measurement to the right of each bar.



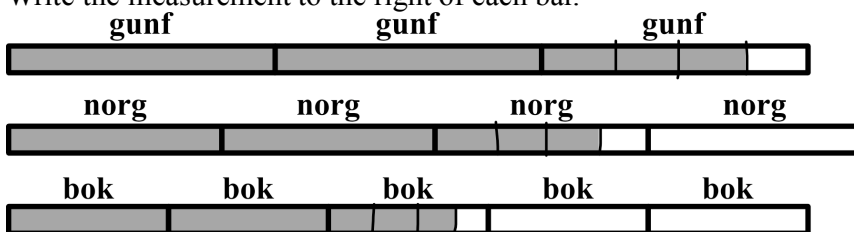
5. Write the measurement to the right of each bar.



6. Write the measurement to the right of each bar.



7. Write the measurement to the right of each bar.

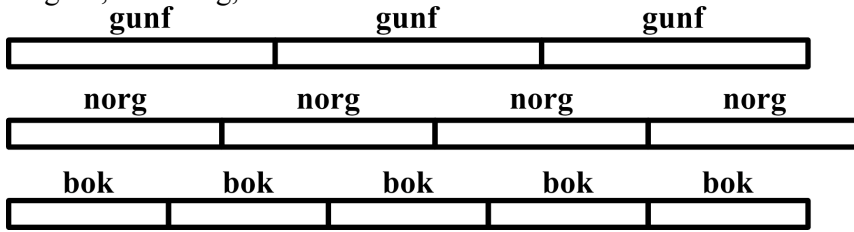


8. Which problem number above (4, 5, 6, or 7) has three measurements that are all equal?

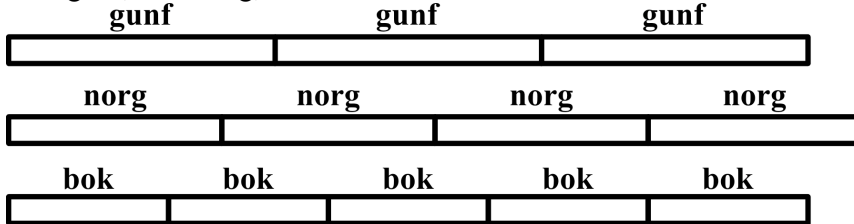
Which measurement is largest?

For each of the problems below, draw the measurements listed. Then, circle the measurement that is the largest.

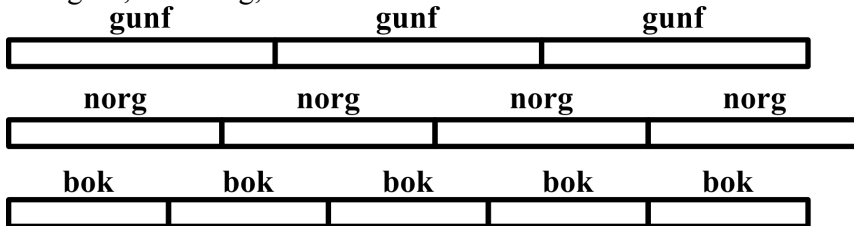
9. $\frac{7}{8}$ gunf, $1\frac{1}{2}$ norg, $1\frac{3}{4}$ bok



10. $1\frac{1}{2}$ gunf, $1\frac{5}{8}$ norg, $1\frac{1}{2}$ bok



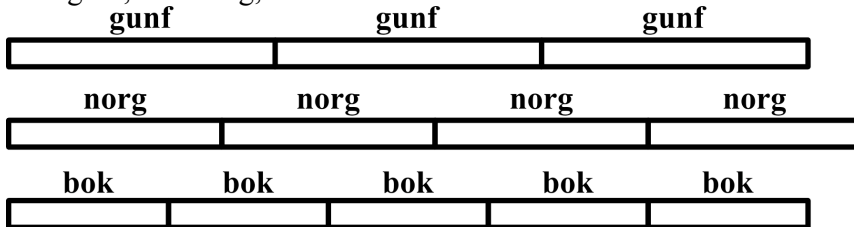
11. $2\frac{1}{2}$ gunf, $3\frac{3}{8}$ norg, $4\frac{1}{4}$ bok



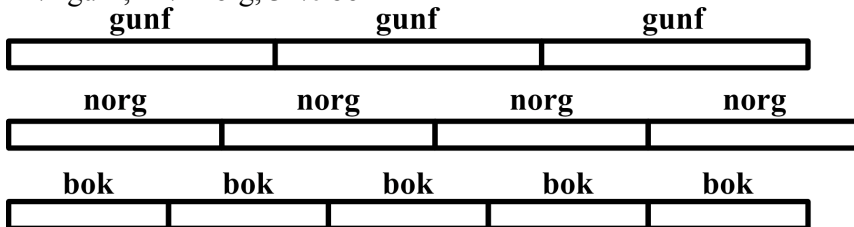
Odd one out

For each of the problems below, draw the measurements listed. Two of the three will be equal to each other. Circle the one that is not equal to the others.

12. $1\frac{1}{2}$ gunf, $1\frac{7}{8}$ norg, $2\frac{1}{4}$ bok



13. $2\frac{1}{4}$ gunf, $2\frac{1}{2}$ norg, $3\frac{6}{8}$ bok



14. $1\frac{3}{4}$ gunf, $2\frac{5}{8}$ norg, $3\frac{1}{2}$ bok

