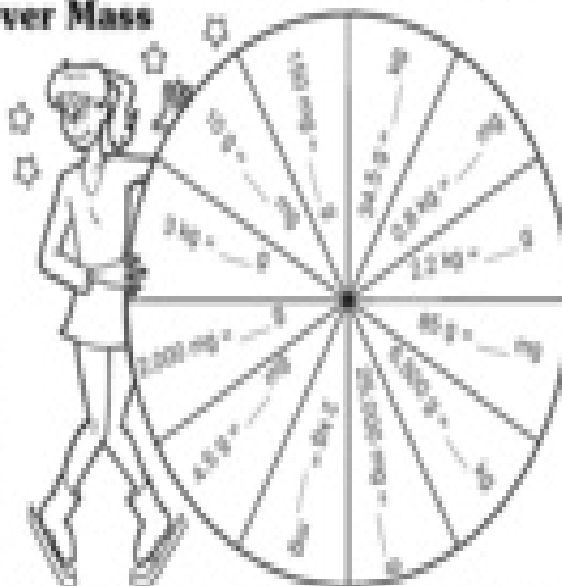


### Spinning Over Mass

Sara Spinelli is dizzy with excitement over measurement! Help set her straight on converting units of mass.

**Part I:** Use a paper clip and your pencil to make a spinner. Spin the spinner. Copy the problem on the first line below. Convert the measurement to the given unit. Repeat these steps to solve a total of 10 different problems. If you land on a problem that you have already solved, spin again.



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

**Part II:** When Sara collected her teammates' skates, she forgot to label each pair with the skater's name! The list below shows the name of each skater in order from the lightest to the heaviest skates owned. Convert each measurement. Then, beginning with the lightest skates, write each skater's name on the line beside his or her skates.

|  |   |   |   |   |
|--|---|---|---|---|
| <b>Ice Skaters</b><br>Michele<br>Tara<br>Rudy<br>Sasha<br>Brian<br>Peggy<br>Kurt<br>Todd | 1. 64 oz. = _____ lb.   | 2. 12 lb. = _____ oz.   | 3. $7\frac{1}{2}$ lb. = _____ oz.   | 4. 88 oz. = _____ lb.   |
|  |    |  |  |  |
|  | 5. 178 oz. = _____ lb.  | 6. 15 $\frac{1}{2}$ lb. = _____ oz.   | 7. $9\frac{1}{2}$ lb. = _____ oz.   | 8. 40 oz. = _____ lb.   |
|  |    |  |  |  |
|  | <b>Bonus Box:</b> Find the total weight of all the skates: _____ pounds _____ ounces. |   |   |   |