

To be used with:  
**A Bean Named Soy**

Name \_\_\_\_\_

### "Figuratively Speaking"

An average bushel of soybeans weighs 60 pounds. Of each bushel, 80 percent becomes soybean meal and 20 percent is processed as soy oil.

1. How many pounds of soybean meal are produced from each bushel?
2. How many pounds of oil are produced from the same bushel?
3. If one pound of soy oil will fill a one-quart bottle half full, how many quarts of oil will be produced by a single bushel?
4. Eddie and Jodi sold 430 eight-ounce bags of soynuts at \$.75 per bag before the basketball game. How many pounds of roasted soynuts were sold? (hint: 16 oz. = one lb.)
5. How much money did Eddie and Jodi make from selling the soynuts?
6. How much would 50 bushels of soybeans weigh?
7. How many pounds of soybean meal would come from 50 bushels of soybeans?
8. How many pounds of soybean oil would come from 50 bushels of soybeans?
9. An acre produces about 38.5 bushels of soybeans. How much would 38.5 bushels of soybeans weigh?