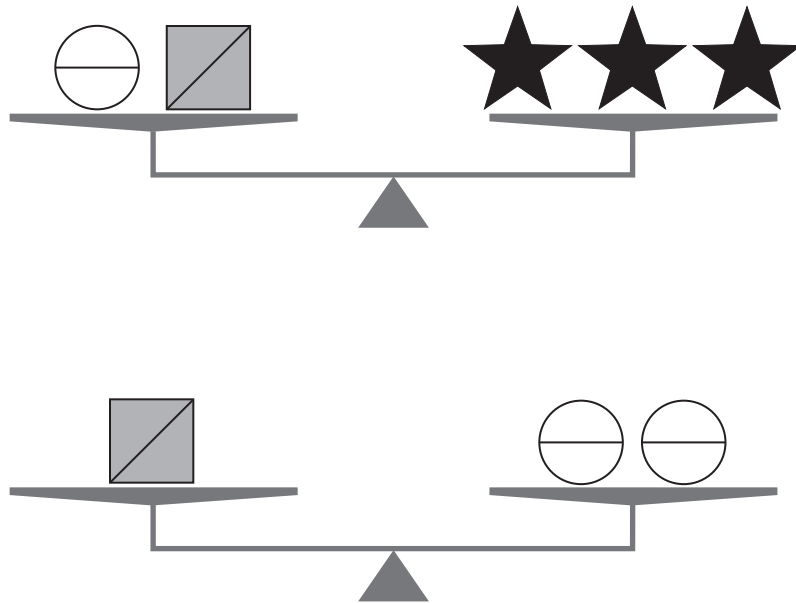









Balance Benders™













Circle the three answers below that will always be true.

a.  = 

d.   = 

b.    =  












e.   =    














c.   =  

f.   =   

Answers

Page 5: b, c, e

From 2nd balance, substitute   for  on 1st balance so 
  =   . (Tip 7) Divide into thirds so  =
. (Tip 6)

b. Divide 2nd balance in half so  = . (Tip 6) Triple both pans
 so    =   . (Tip 5) Reverse and rearrange
 so    =  . (Tips 1 & 2)

c. Double both pans of  =  so   =  . (Tip 5)

e. On 1st balance,  = , so  =  . Double both
 pans so   =    . (Tip 5)