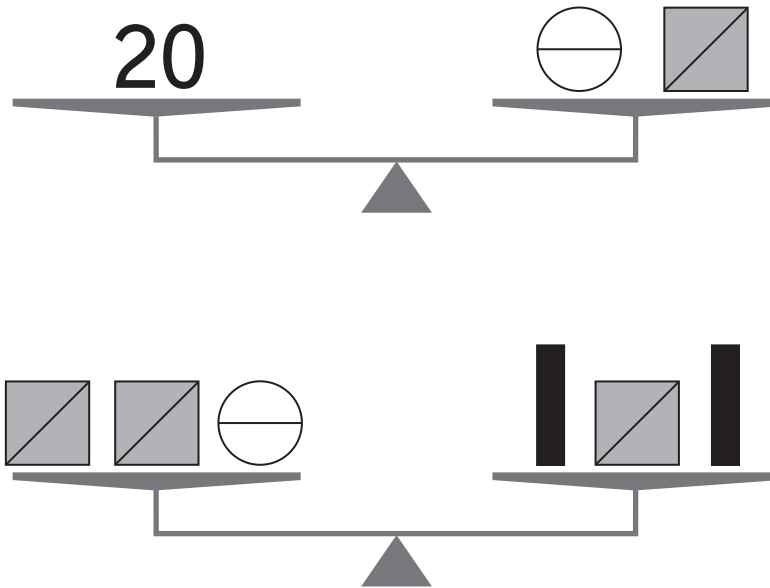


Balance Benders™



Circle the three answers below that will always be true.

a. $\text{Vertical Bar} = \text{Triangle} + \text{Semicircle}$

d. $3 \times \text{Vertical Bar} = 30$

b. $\text{Square with Diagonal} > \text{Circle with Line}$

e. $\text{Vertical Bar} = 5$




c. $2 \times \text{Square with Diagonal} > \text{Circle with Line}$






f. $\text{Vertical Bar} + \text{Triangle} + \text{Semicircle} = 20$





Answers

Page 17: a, d, f

On 2nd balance, remove  from both pans so   = .

a. Divide in half so   = . (Tip 6) Reverse pans. (Tip 1)

d. From 1st balance, substitute 20 for   above so 20 = . (Tip 7) Therefore  = 10 and  = 30. (Tips 5 & 6)

f. From answer a, substitute   for  in 20 = . (Tip 7) 20 =   . Reverse pans. (Tip 1)