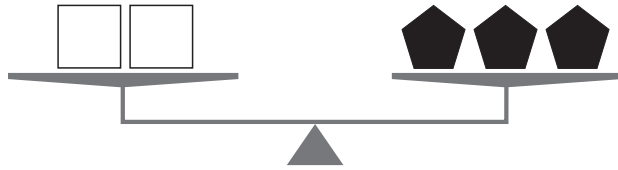


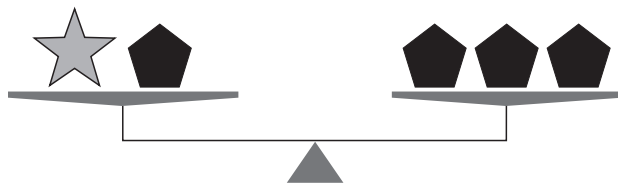
# Balance Benders™



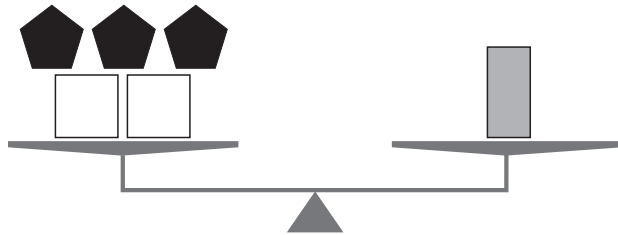
Which answer can replace the question mark?



a.

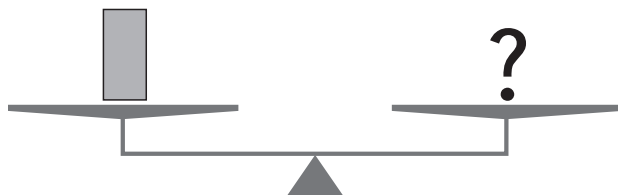


b.



c.

d.



Circle the two answers below that will always be true.

1. =

2. =













3. =









4. =




Hint: From 1st balance, substitute for on 3rd balance.

# Answers

## Page 11: c, 1, 4

From 1st balance, substitute    for   on 3rd balance so       =  (Answer 1). On

2nd balance, remove  from both pans so  =   (Answer 4). Substitute  for every   above so 

  = .