

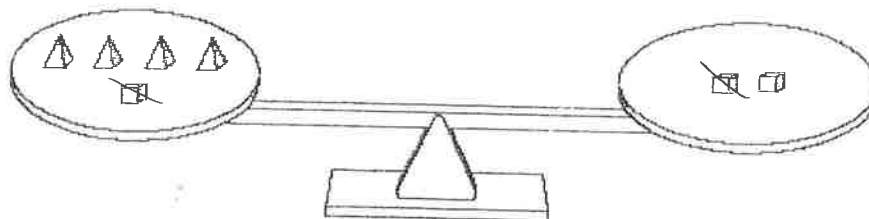
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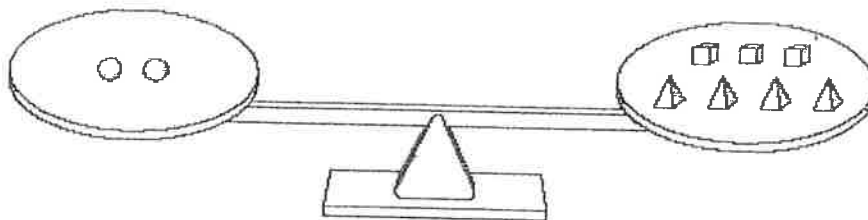
1-3-17

SECTION:

The pictures below show two scales that are balanced.



Scale A



Scale B

- Using Scale A, how many pyramids balance 1 cube? Show or explain your work.
- Using your answer in part a and using Scale B, how many pyramids balance 1 sphere? Show or explain your work.
- Using your answers in parts a and b, which weighs more, 3 spheres or 5 cubes? Show or explain your work.

A - 4 pyramids for 1 cube because I took one cube for each and the 4 pyramids for 1
B - first I converted 3 cubes into 12 pyramids and have the total of 16 and divide it by 2, for 8. 1 sphere is 8 pyramids