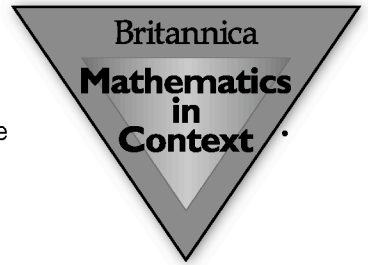




Current Pre-Algebra PoW

The Math Forum's Problems of the Week provide non-routine constructed response problems. The Pre-Algebra problems target concepts typically learned in grades 6-8. Memberships and mentoring options are available at the individual, class, school, and district levels.



Bartering for Bananas - posted April 13, 2009

Byron lives where the people trade goods they produce for other things they need. He has some fish that he has caught, and he wants to trade them for as many bananas as he can. He asks around to find out what is being traded and finds out the following:

- Five fish are worth the same as two loaves of bread.
- Six oranges are worth the same as two melons.
- One loaf of bread is worth the same as one banana plus three oranges.
- Four loaves of bread are worth the same as fourteen oranges.



Question: How many bananas can Byron get with five fish?

Inspired by Encyclopædia Britannica: *Math in Context*
Comparing Quantities: Section A: Compare and Exchange

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