

GROUP 3: The more you take, the more you leave behind. What are they?

8

11.93

368

$1\frac{5}{6}$

10.50

$2\frac{1}{2}$

$3\frac{5}{6}$

21

4

An apple has 80 calories. This is 12 less than $\frac{1}{4}$ the number of calories in a package of candy. How many calories are in the candy?	<i>O</i>
The ages of 3 brothers are represented by consecutive integers. If the oldest brother's age is decreased by twice the youngest brother's age, the result is -19 . How old is the youngest brother?	<i>P</i>
A carpenter uses 3 hinges on every door he hangs. He hangs 4 doors on the first floor and x doors on the second floor. If he uses 36 hinges total, how many doors did he hang on the second floor?	<i>F</i>
Kate has $12\frac{1}{2}$ pounds of chocolate. She gives each of her 5 friends x pounds each and has $3\frac{1}{3}$ pounds left over. How much did she give each of her friends?	<i>T</i>
A room is 20 feet long. If a couch that is $12\frac{1}{3}$ feet long is to be centered in the room, how big of a table can be placed on either side of the couch?	<i>E</i>
Which equation is equivalent to $\frac{1}{4}x + \frac{1}{5} = 2$? (1) $4x + 5 = \frac{1}{2}$ (2) $\frac{2}{9}x = 2$ (3) $5x + 4 = 18$ (4) $5x + 4 = 40$	<i>S</i>
During a recent sale, the first movie purchased cost \$29 and each additional movie purchased costs m dollars. If Jose buys 4 movies and spends a total of \$64.80, how much did each additional movie cost?	<i>O</i>
The Hipster Dance company purchases 5 bus tickets that cost \$150 each, and they have 7 bags that cost b dollars each. If the total bill is \$823.50, how much does each bag cost?	<i>S</i>
The weekend before final exams, Travis studied 1.5 hours for his science exam, $2\frac{1}{4}$ hours for his math exam, and h hours each for Spanish, English, and Social Studies. If he spent a total of $11\frac{1}{4}$ hours studying, how much time did he spend studying for Spanish?	<i>T</i>