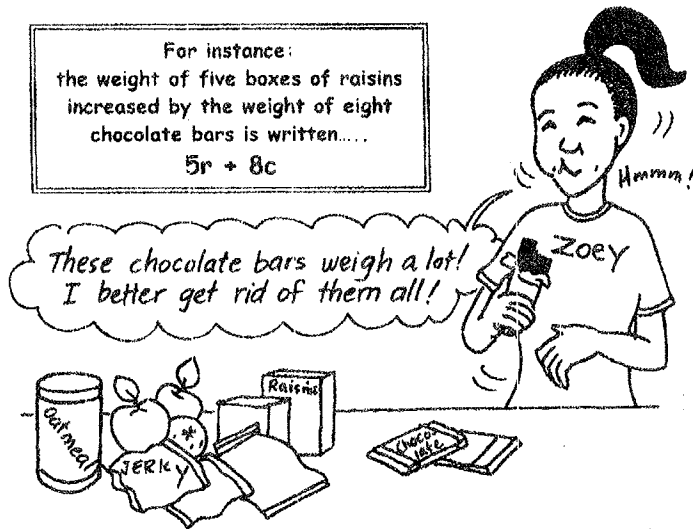


EXPRESSIONS WITH TASTE

No hiker wants a back-breaking pack, so it's important to pay attention to weight while the supplies are gathered for the pack. These food items have weights (in ounces) that are represented by letter symbols.

For instance:
the weight of five boxes of raisins
increased by the weight of eight
chocolate bars is written....
 $5r + 8c$



CAMPING FOOD	
weight in ounces	food
<i>m</i>	maple oatmeal
<i>n</i>	noodle packs
<i>s</i>	cans of stew
<i>a</i>	apples
<i>h</i>	hot chocolate packs
<i>r</i>	boxes of raisins
<i>c</i>	chocolate bars
<i>g</i>	bags of gorp
<i>f</i>	fruit leather sticks
<i>b</i>	bread rolls
<i>j</i>	jerky sticks
<i>p</i>	power bars

Use the letter symbols to write mathematical expressions about the food weights.

Write an expression to show the weight of . . .

- 1 bag of oatmeal increased by 3 ounces: _____
- 15 boxes of raisins decreased by 7 jerky sticks: _____
- 4 power bars decreased by 2 packs of noodles: _____
- 12 bags of gorp decreased by 4 bags of gorp: _____
- 8 chocolate bars decreased by 5 ounces: _____
- twice the sum of 2 bread rolls and 6 jerky sticks: _____
- 3 times the difference between 2 stew cans and 5 fruit leather sticks: _____
- 10 hot chocolate packets increased by 1 stew can and 2 power bars: _____
- 2 apples weigh less than 3 power bars: _____
- 5 times the weight of a bread roll and an apple: _____
- the sum of $\frac{1}{2}$ bag of raisins and $\frac{1}{4}$ bag of gorp: _____
- ten times the product of bread and fruit leather: _____