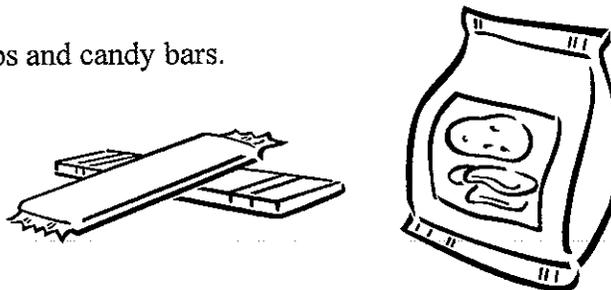


Buying Chips and Candy**Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

It means the total of what p and b add on to.

2. Write a similar equation, using p and b , for the items Jody bought.

$$\underline{4p + 2b = 3.00}$$

Buying Chips and Candy, continued**Grade 9**

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips 25¢
candy bar 75¢

Show your work.

$$0.25 \cdot 3 = 0.75 + (0.75 \cdot 4) = 3.00$$

$$0.75 + 3.00 = 3.75$$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

Yes

Explain your answer by showing your calculation.

A candy bar = 75¢ Bag of chips = 25¢

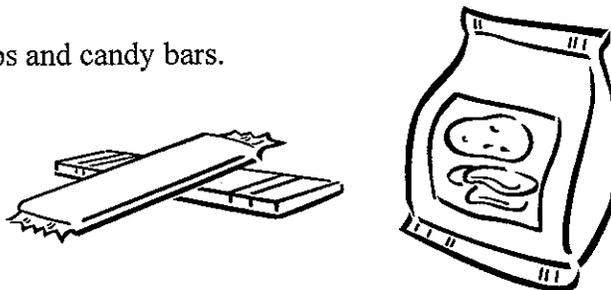
$$75 + 25 = \$1.00$$

Buying Chips and Candy**Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

The total money spent from that one person.

2. Write a similar equation, using p and b , for the items Jody bought.

$$\underline{4p + 2b = 300}$$

Buying Chips and Candy, continued**Grade 9**

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips _____

candy bar _____

Show your work.

$$\begin{array}{r}
 25 \quad 75 \\
 3p + 4b = 375 \\
 - 4p + 2b = 300 \\
 \hline
 -1p + 2b = 75
 \end{array}$$

A because there is a negative, I knew that 2b's would have to be bigger than 75 because the negative would lower the total number. I guessed that the numbers would be pretty simple (10, 25, 50, 75, etc) because 375 and 300 are like that to. From there I guessed and got...

potato chips → 25¢
candy bar → 75¢

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

NO

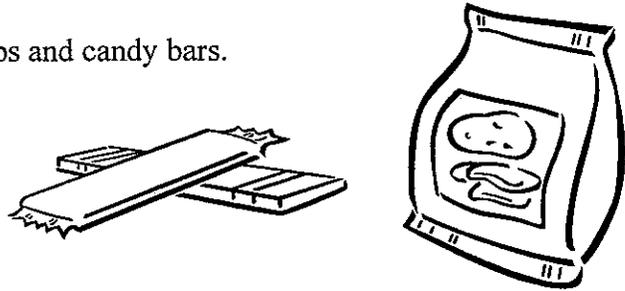
Explain your answer by showing your calculation.

Buying Chips and Candy**Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

1 is the amount of money, in cents,
that the equation equals

2. Write a similar equation, using p and b , for the items Jody bought.

$$\underline{4p + 2b = 300}$$

Buying Chips and Candy, continued**Grade 9**

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips \$0.50candy bar \$0.50

Show your work.

$$\begin{array}{r} 3p + 4b = 375 \\ \underline{-75} \quad \underline{-75} \end{array}$$

$$4p + 2b = 300$$

$$\begin{array}{r} 3p + 4b - 75 = 4p + 2b \\ \underline{-2b} \quad \underline{-2b} \end{array}$$

$$\begin{array}{r} 3p + 2b - 75 = 4p \\ \underline{-3p} \quad \underline{-3p} \end{array}$$

$$2b - 75 = p$$

$$3(.85) + 4(.25) = 3.75$$

$$3p + 2b = 300$$

$$3p + 4b = 375$$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

yes

Explain your answer by showing your calculation.

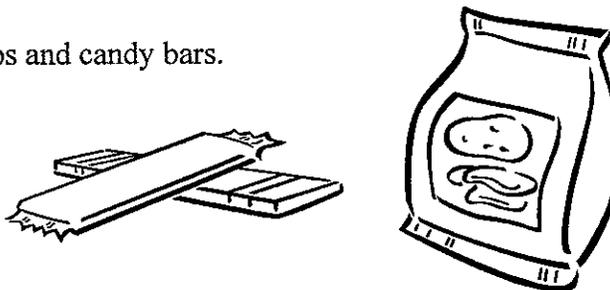
I added the price of each together, and it was enough.

Buying Chips and Candy**Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



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Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

It mean 375 cents because b and p are
costs in cents So you have to put \$3.75
in cents also.

2. Write a similar equation, using p and b , for the items Jody bought.

$$\underline{4p + 2b = 300}$$

Buying Chips and Candy, continued**Grade 9**

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

$$\begin{array}{r} \text{potato chips} \quad 45 \text{¢} \\ \hline \text{candy bar} \quad 60 \text{¢} \\ \hline \end{array}$$

Show your work.

$$3p + 4b = 375$$

$$3p + 4(150 - 2p) = 375$$

$$3p + 600 - 8p = 375$$

$$600 - 5p = 375$$

$$\begin{array}{r} -600 \\ \hline -5p = -225 \end{array}$$

$$\begin{array}{r} -5p = -225 \\ \hline -5 \quad -5 \\ \hline p = 45 \end{array}$$

$$b = 150 - 2(45)$$

$$b = 150 - 90$$

$$b = 60 \text{¢}$$

$$\begin{array}{r} 4p + 2b = 300 \\ \hline -4p \\ \hline 2b = 300 - 4p \\ \hline \frac{2b}{2} = \frac{300 - 4p}{2} \\ \hline b = 150 - 2p \end{array}$$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

NO

Explain your answer by showing your calculation.

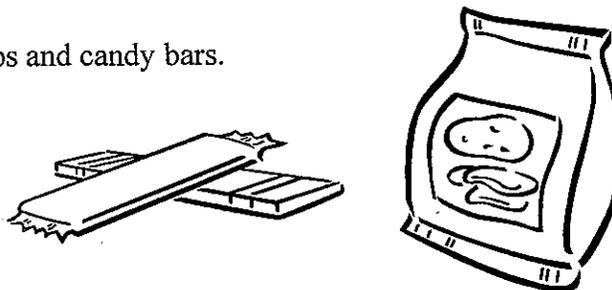
$$45 + 60 = 105 \text{¢} \quad \text{She has } 100 \text{¢}$$

Buying Chips and Candy**Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

375 probably means the cost of
 3 bags of potatoe chips and the cost
 of four candy bars.

2. Write a similar equation, using p and b , for the items Jody bought.

$$4p + 2b = 300$$

Buying Chips and Candy, continued

Grade 9

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips \$ 57
 candy bar \$ 51

Show your work.

3 bags of p.c. & 4 candy Bars = 3.75
 4 bags of p.c. & 2 candy Bars = 3.00

1 bag of p.c. is $\frac{57}{4} = 14.25$
 $\frac{51}{2} = 25.50$

$$\begin{array}{r} 51 \\ \times 4 \\ \hline 204 \end{array}$$

$$\begin{array}{r} 67 \\ \times 3 \\ \hline 201 \\ + 171 \\ \hline 372 \end{array}$$

$\$ 57 = \text{p.c.} \quad \& \quad \$ 51 = \text{candy Bar} = 3.00$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

NO

Explain your answer by showing your calculation.

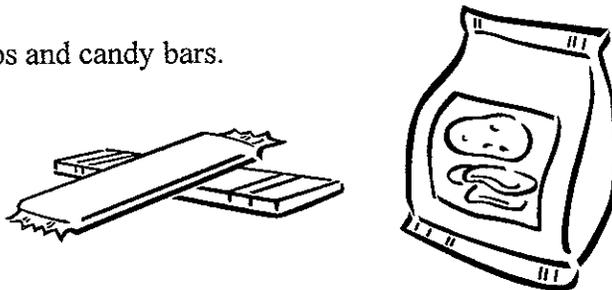
$\frac{57}{1} + \frac{51}{1} = 108$ Because, it will cost more than 2 dollar it will be \$8 over.

Buying Chips and Candy**Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

375 is the number of cents needed to pay

2. Write a similar equation, using p and b , for the items Jody bought.

$$\underline{4p + 2b = 300}$$

Buying Chips and Candy, continued

Grade 9

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips 65
 candy bar ~~40~~ 45

Show your work.

Handwritten work for problem 3:

$$\begin{array}{r} 265 \\ \times 4 \\ \hline 260 \end{array}$$

$$\begin{array}{r} 180 \\ + 165 \\ \hline 345 \end{array}$$

$$\begin{array}{r} 180 \\ + 80 \\ \hline 260 \end{array}$$

$$\begin{array}{r} 180 \\ \hline 375 \end{array}$$

$$3p + 4b = 375$$

$$\begin{array}{r} 2600 \\ 280160 \\ \hline 8 \\ 1178 \\ -18 \\ \hline 25 \end{array}$$

$$\begin{array}{r} 355 \\ + 6 \\ \hline 330 \end{array}$$

$$4p + 2b = 300$$

$$\begin{array}{r} 265 \\ 4 \\ \hline 220 \\ 90 \\ \hline 210 \end{array}$$

$$\begin{array}{r} 2 \\ 65 \\ \times 4 \\ \hline 260 \end{array}$$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

NO

Explain your answer by showing your calculation.

65 + 45 = 110

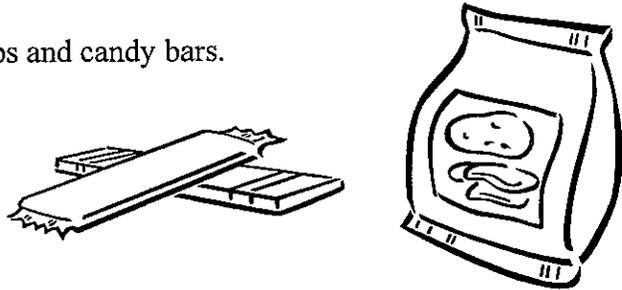
Buying Chips and Candy

Grade 9

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



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Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

Since p stands for the cost in cents for chips
 & b stands for the cost in cents of candy then the
 375 stands for the \$3.75 he spent.

2. Write a similar equation, using p and b , for the items Jody bought.

If Ralph got 3 bags of chips that = $3p$, but

Jody got 4, so that = $4p$.

$$4p + 2b = 300$$

$$4p + 2b = 300$$

If Ralph bought 4 bars of candy that = $4b$, but Jody bought 2, so that = $2b$

Ralph's total was \$3.75 so his equation equaled 375.
 Jody's total was \$3.00 so her equation ~~equaled~~ should equal 300.

Buying Chips and Candy, continued**Grade 9**

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips 45¢candy bar 60¢

Show your work.

~~100~~
Solve for p

$$3p + 4b = 375$$

$$4b - 4b$$

$$\frac{3p}{3} = \frac{375}{3} - \frac{4b}{3}$$

$$p = 125 - \frac{4}{3}b$$

Solve for b

$$4p + 2b = 300$$

$$-4p$$

$$\frac{2b}{2} = \frac{300 - 4p}{2}$$

$$b = 150 - 2p$$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

no

Explain your answer by showing your calculation.

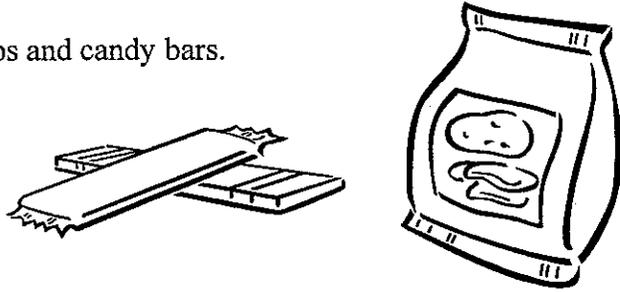
Well if he has \$1.00 that's 100¢. 45¢ plus 60¢ = 105¢. 100¢ \neq 105¢.

Buying Chips and Candy**Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



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Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

375 stands for the AMOUNT of potato
chips and candy bars that they
bought.

2. Write a similar equation, using p and b , for the items Jody bought.

$$\underline{2p + 3p = 242}$$

Buying Chips and Candy, continued

Grade 9

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips .75
 candy bar .25

Show your work.

$$\begin{array}{r} 3x - 4y = 3.75 \\ 3 \end{array}$$

$$\frac{4y}{4} = \frac{3}{4}x + \frac{3.75}{4}$$

$$\boxed{1x + 0}$$

$$\begin{array}{r} 3x - 4y = 3.75 \\ \underline{3x} \\ 4y = .8 \\ \underline{4} \\ y = 2 \end{array}$$

$$\begin{array}{r} .75 \\ .75 \\ .75 \\ \underline{.75} \\ 3.00 \end{array}$$

$$\begin{array}{r} .25 \\ .25 \\ .25 \\ \underline{.25} \\ 3.75 \end{array}$$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

Explain your answer by showing your calculation.

$$\begin{array}{r} .75 \\ .25 \\ \underline{.00} \\ 1.00 \end{array}$$

yes

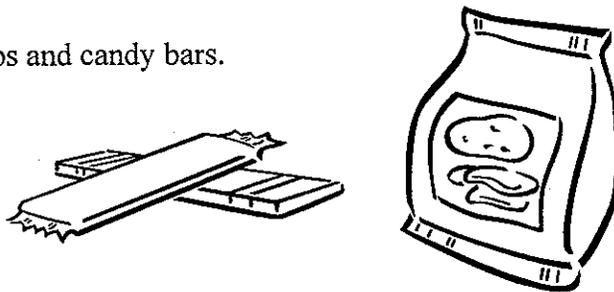
The potato chips cost .75 cents and
 the candy bar cost .25 cents and
 .75 cents + .25 cents = 1.00.

Buying Chips and Candy**Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

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Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

The total cost of both, the bags of potato chips and the candy bars, in cents.

2. Write a similar equation, using p and b , for the items Jody bought.

$$\underline{4p + 2b = 300}$$

Buying Chips and Candy, continued**Grade 9**

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips 45¢
 candy bar 60¢

Show your work.

$$7p + 6b = 675$$

$$30 \quad 50$$

$$7p = \frac{675}{7} - \frac{6b}{7}$$

$$6b = \frac{675}{6} - \frac{7p}{6}$$

$$(45, 60)$$

$$36, 35$$

$$90$$

$$315, 60$$

$$\frac{240}{6} = 135$$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

NO

Explain your answer by showing your calculation.

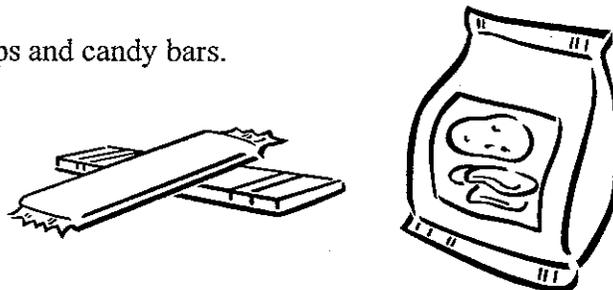
60 + 45 = \$1.05; that is more than a
dollar.

Name Student J**Buying Chips and Candy****Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

How much he spends on the
candy bars & chips.

2. Write a similar equation, using p and b , for the items Jody bought.

3.75

Name Student J**Buying Chips and Candy, continued****Grade 9**

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

$$\begin{array}{r} \text{potato chips } 3.75 \cdot 3 \\ \hline \text{candy bar } 3.00 \cdot 2 \end{array}$$

Show your work.

$$\begin{array}{r} 3.75 \\ \times 3 \\ \hline 1.25 \end{array}$$

$$\begin{array}{r} 3.00 \\ \times 2 \\ \hline 6.00 \end{array}$$

← candy bar

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

No

Explain your answer by showing your calculation.

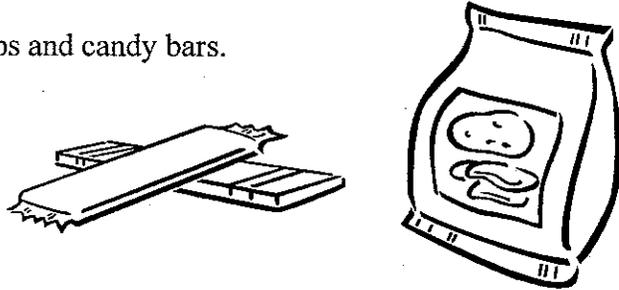
Because if chips are \$1.25 & candy bars 6.00 he doesn't have nearly enough.

Name Student K**Buying Chips and Candy****Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

I think Ralph forgot to put a decimal point between 3 and 7 but this represents the total amount of both the potato chips and candy bars.

2. Write a similar equation, using p and b , for the items Jody bought.

$$\underline{4p + 2b = 300}$$

Name Student K

Buying Chips and Candy, continued

Grade 9

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips _____

candy bar _____

Show your work.

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

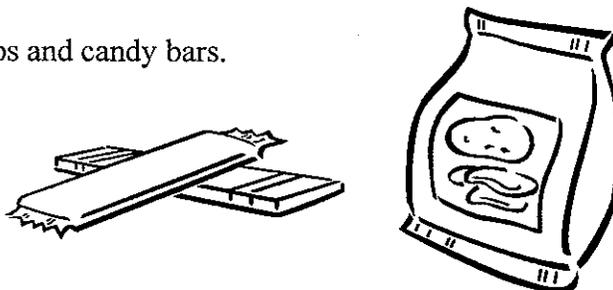
Explain your answer by showing your calculation.

Name Student L**Buying Chips and Candy****Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

375 means the total on p and
 b together

2. Write a similar equation, using p and b , for the items Jody bought.

$$\underline{4p + 2b = 3.00}$$

Name Student L**Buying Chips and Candy, continued****Grade 9**

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips .75¢candy bar 1.50

Show your work.

$$\begin{array}{r}
 4p + 2b = 3.00 \\
 - 2b \quad - 2b \\
 \hline
 4p = 3.00 - 2b \\
 \frac{4p}{4} = \frac{3.00 - 2b}{4} \\
 p = .75 - 2b \\
 4p + 2b = 3.00 \\
 - 4p \quad - 4p \\
 \hline
 2b = 3.00 - 4p \\
 \frac{2b}{2} = \frac{3.00 - 4p}{2} \\
 b = 1.50
 \end{array}$$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

No

Explain your answer by showing your calculation.

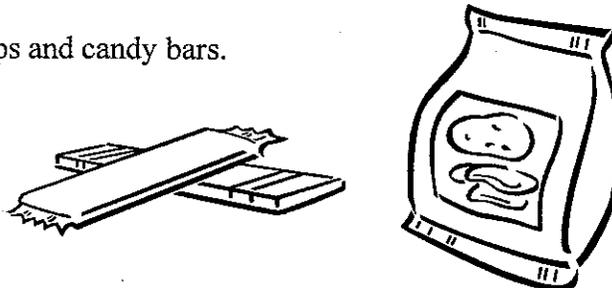
No, because one candy bar is overI \$

Name Student M**Buying Chips and Candy****Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

How much in total Ralph spent on potato chips and candy bars, in cents.

2. Write a similar equation, using p and b , for the items Jody bought.

$$4p + 2b = 300$$

Name Student M**Buying Chips and Candy, continued****Grade 9**

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips 56¢candy bar 38¢

Show your work.

$$\begin{array}{r} 4p + 2b = 300 \\ -300 \\ \hline 4p + 2b = 300 \end{array} \quad \begin{array}{r} 3p + 4b = 375 \\ -300 \\ \hline 3p + 4b = 375 \end{array}$$

$$4p + 2b = 3p + 4b = 75$$

$$p + 2b = 4b = 75$$

$$p = \frac{2b}{2} = 75/2$$

$$b = 37.5 / p = 56.25$$

$$4p + 2(37.5) = 300$$

$$\begin{array}{r} 4p + 75 = 300 \\ -75 \quad -75 \\ \hline 4p + 75 = 300 \end{array}$$

$$4p/4 = 225/4 = 56.25$$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

yes

Explain your answer by showing your calculation.

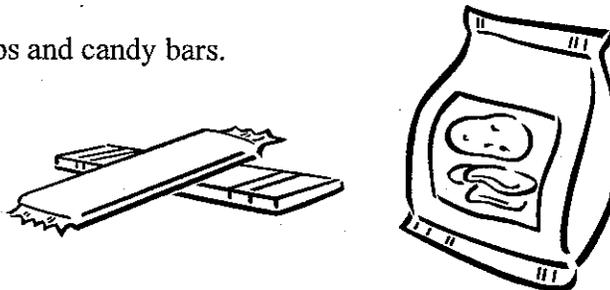
56 + 38 = 94, he will even have
6¢ left over

Name Student N**Buying Chips and Candy****Grade 9**

This problem gives you the chance to:

- form and solve a pair of linear equations in a practical situation

Ralph and Jody go to the shop to buy potato chips and candy bars.



Ralph buys 3 bags of potato chips and 4 candy bars. He spends \$3.75.

Jody buys 4 bags of potato chips and 2 candy bars. She spends \$3.00.

Later Clancy joins Ralph and Jody and asks to buy one bag of potato chips and one candy bar from them. They need to work out how much he should pay.

Ralph writes

$$3p + 4b = 375$$

1. If p stands for the cost, in cents, of a bag of potato chips and b stands for the cost, in cents, of a candy bar, what does the 375 in Ralph's equation mean?

The number 375 is the total (in cents) of how much the $3p + 4b$ add up to.

2. Write a similar equation, using p and b , for the items Jody bought.

$$4p + 2b = 300$$

Name _____

Buying Chips and Candy, continued

Grade 9

3. Use the two equations to figure out the price of a bag of potato chips and the price of a candy bar.

potato chips 46 cents each

candy bar 135 cents each

Show your work.

46

2.24 9ab

1.35
96

$$4p + 2b = 300$$

$$3p + 4b = 375$$

$$\hline 7p + 6b = 675$$

$$\begin{array}{r} 9 \\ 7 \overline{) 6.75} \\ \underline{-63} \\ 45 \end{array}$$

$$\begin{array}{r} 113 \\ 6 \overline{) 675} \\ \underline{-661} \\ 15 \\ \underline{-12} \\ 03 \end{array}$$

$$\begin{array}{r} 45 \\ + 4 \\ \hline 180 \end{array}$$

4. Clancy has just \$1. Does he have enough money to buy a bag of potato chips and a candy bar?

no, she doesn't

Explain your answer by showing your calculation.

If she has only one dollar, she can't buy potato chips and a candy bar because I p = 45¢ and b = 113¢ then she still needs more money.