Solving Multiplicative Comparison Problems with a Table   Name:

Solve each problem.

1) A new fast food restaurant opened 5 months ago. The table belows shows the number of burgers they've sold so far.

Month	Burgers Sold
1	2,574
2	3,815
3	2,308
4	3,344
5	2,899

The next month (after spending some money on an ad) they sold 5 times as many as they had sold in the previous 5 months. How many fewer burgers did they sell before running the ad than they did after running it?

2) The table below shows the number of books Rachel read the first 3 months of school.

Month	Books Read
1	31
2	22
3	36

If Victor read 9 times as many books as Rachel, how many more books did Victor read?

1. _____

2. _____

3. _____

4. _____

3) The table below show the number of employees each store has.

Store #	Employees
1	5
2	9
3	10
4	8
5	6

A new larger store is opening that will employ 7 times as many employees as all the other stores combined. How many fewer employess did the old stores have compared to the new store?

4) The table below show the pounds of candy a company sold in the months leading up to October.

Month	Pounds of Candy Sold
June	126
July	112
August	165
September	144

In October they sold 3 times as many pounds of candy as they did in the previous 4 months combined. How many more pounds did they sell in October than were sold in the previous 4 months?

Solve each problem.

1) A new fast food restaurant opened 5 months ago. The table belows shows the number of burgers they've sold so far.

Month	Burgers Sold
1	2,574
2	3,815
3	2,308
4	3,344
5	2,899

14,940

The next month (after spending some money on an ad) they sold 5 times as many as they had sold in the previous 5 months. How many fewer burgers did they sell before running the ad than they did after running it?

2) The table below shows the number of books Rachel read the first 3 months of school.

Month	Books Read
1	31
2	22
3	36

89

If Victor read 9 times as many books as Rachel, how many more books did Victor read?

1. __**59,760**__

2. __**712**__

3. __**228**__

4. __**1,094**__

3) The table below show the number of employees each store has.

Store #	Employees
1	5
2	9
3	10
4	8
5	6

38

A new larger store is opening that will employ 7 times as many employees as all the other stores combined. How many fewer employess did the old stores have compared to the new store?

4) The table below show the pounds of candy a company sold in the months leading up to October.

Month	Pounds of Candy Sold
June	126
July	112
August	165
September	144

547

In October they sold 3 times as many pounds of candy as they did in the previous 4 months combined. How many more pounds did they sell in October than were sold in the previous 4 months?