



1) Check these calculations using the inverse operation. Correct any mistakes.

a)  $6000 - 3546 = 2454$

d)  $5555 - 2468 = 3087$

b)  $3253 + 1316 = 4568$

e)  $2512 + 4892 = 7404$

c)  $8541 - 2645 = 5996$

f)  $6354 + 2589 = 7943$

2) Write 8 calculations you can make using these cards:

3456

4758

8214

+

-

=




1) Fran did this subtraction:

$$5674 - 2647 = 3027$$

To check her answer, she did this addition:

$$5674 + 3027 = 8701$$



a) Explain what Fran has done wrong.

---

---

b) Check, using the inverse operation, to see if Fran did get her subtraction correct.

---

---

2) The class are calculating  $4587 + 3869$ . They check their answers using the inverse.



Raj says,

"The inverse is  
 $4587 - 8456 = 3869$ ."



Amelia says,

"We need to calculate  
 $8456 - 3869 = 4587$ ."



Harpritt says,

"The corresponding  
subtraction calculation is  
 $8546 - 4587 = 3959$ ."

Who do you agree with? Explain your answer.

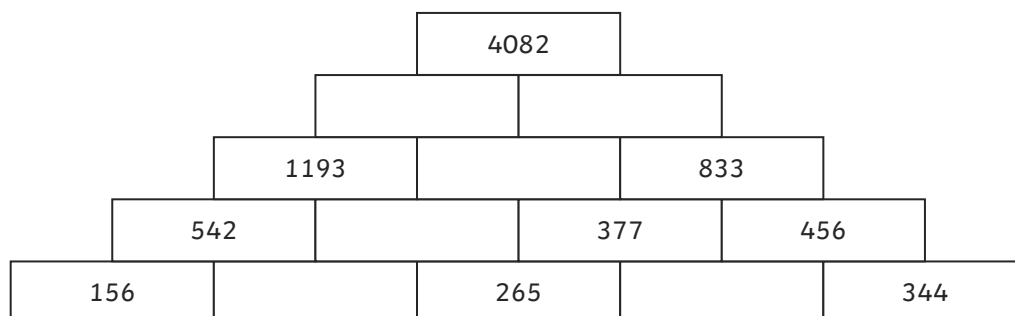
---

---

---

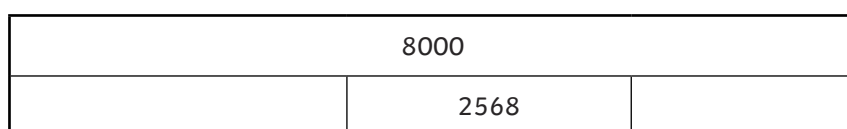


1) Fill in the missing numbers, using the inverse to help you.

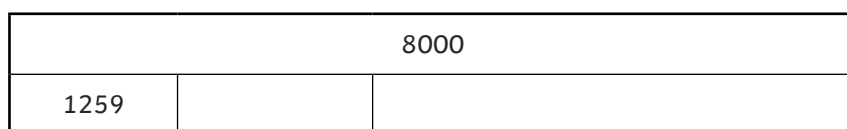


2) Choose 4-digit numbers to complete these bar models.  
Find 3 different ways. The bar models are not drawn to scale.

a)



b)



c)

