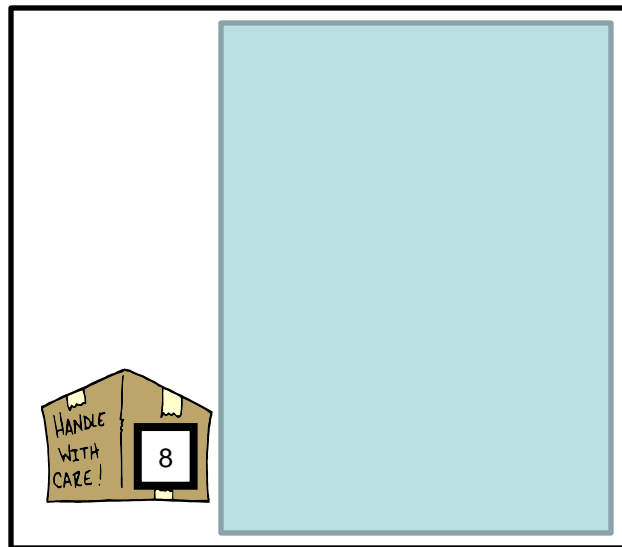


Inversion questions

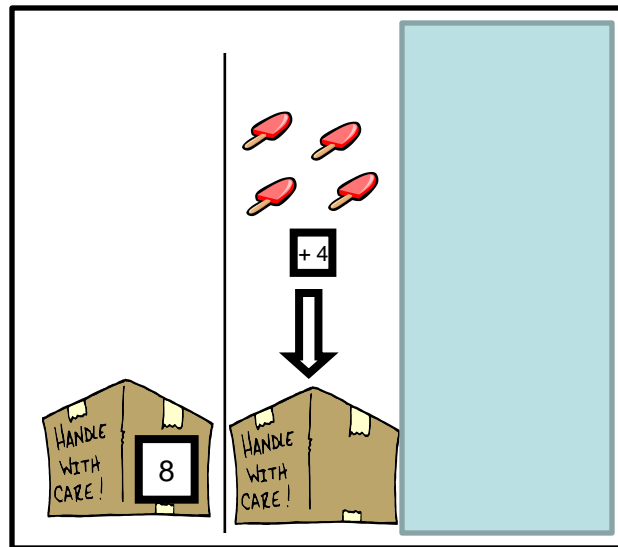
picture resources

These pictures are to be used for the inversion exercises, and should be told to the children as story problems, shown as a three stage presentation revealing each part as you tell them the story to **help them reason and not count**. The children reason that 4 in and 4 out make no difference to the original number. They should not count the 4 in and then count 4 out so the presentation should be timed fast enough for them not to be able to count.



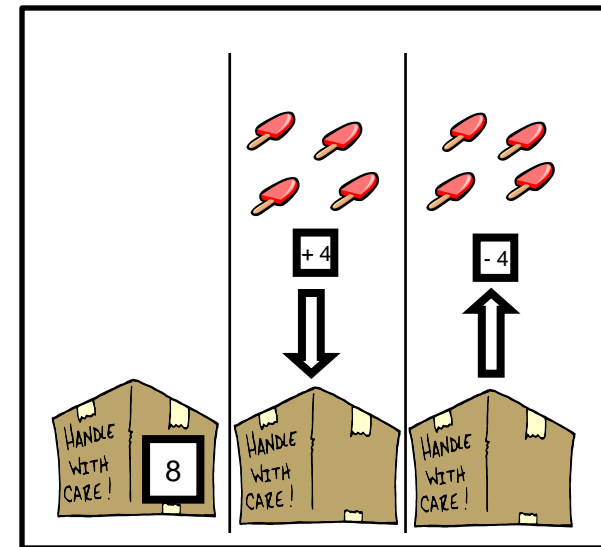
1 stage

Say: 'The mum put 8 lollies in the box in the morning'.



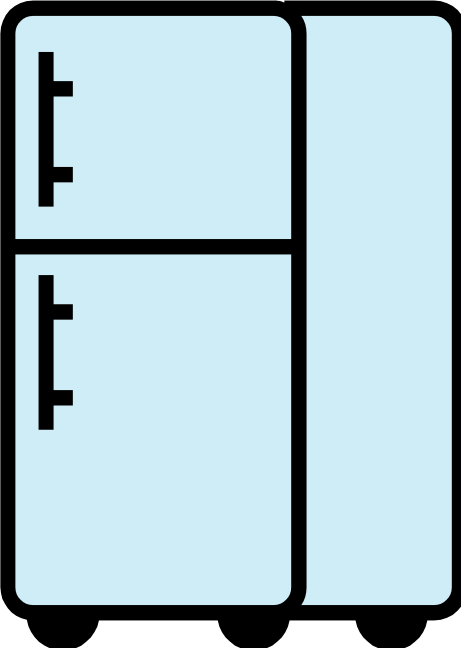
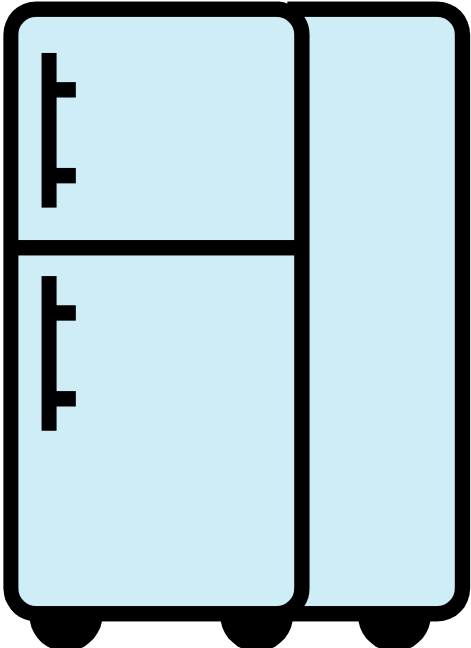
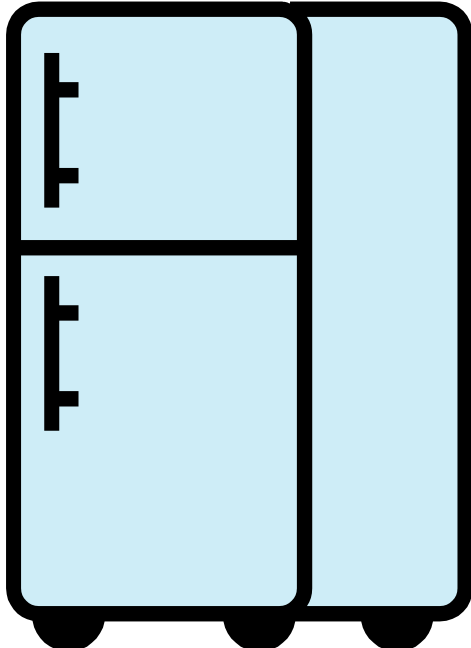
2 stage

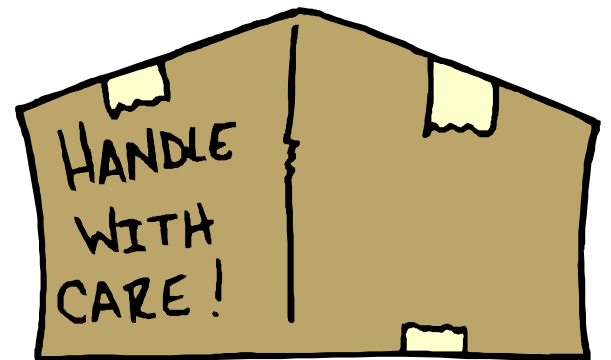
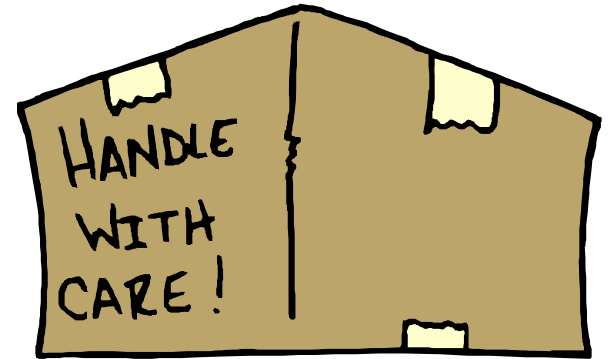
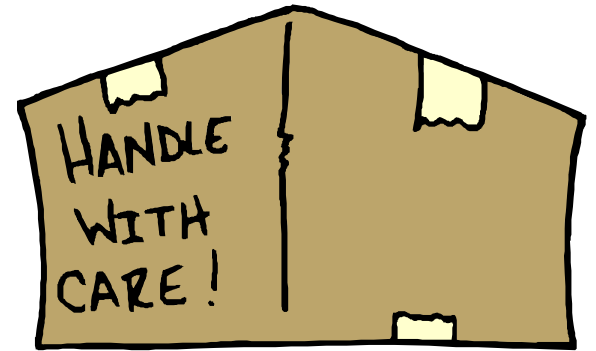
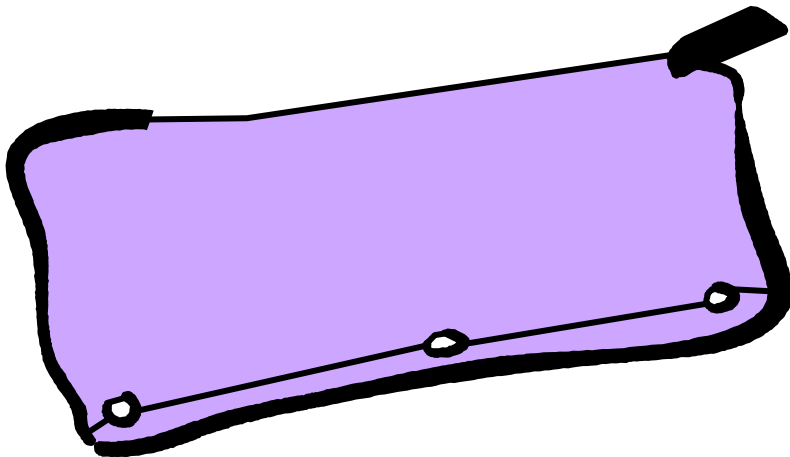
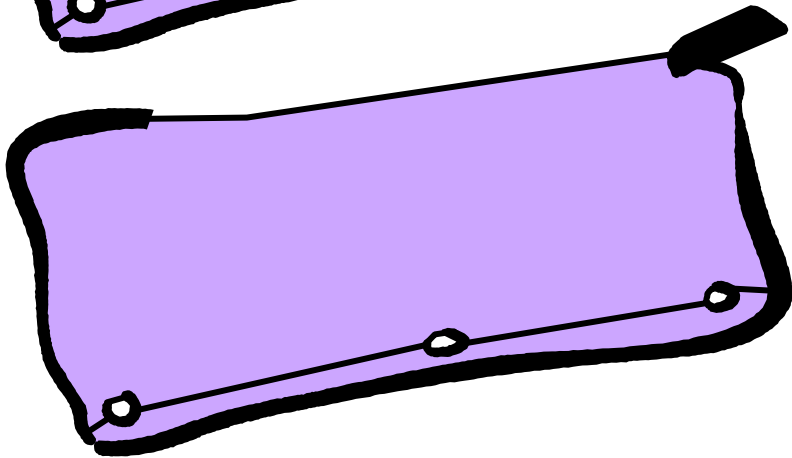
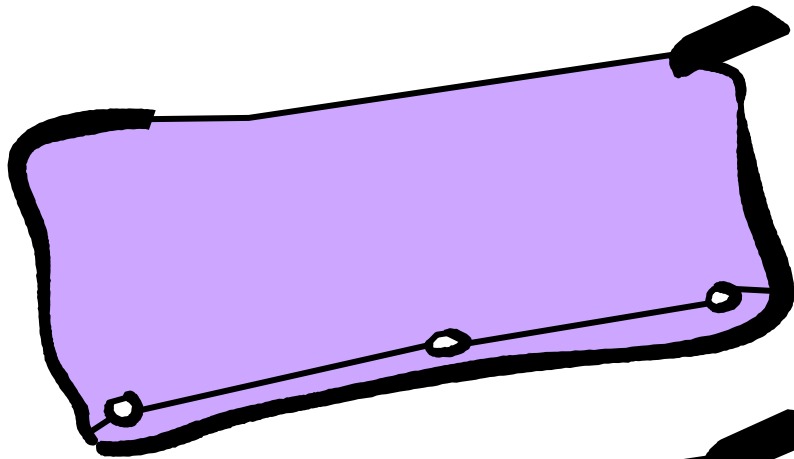
Sat: 'In the afternoon she put 4 lollies in the box.'

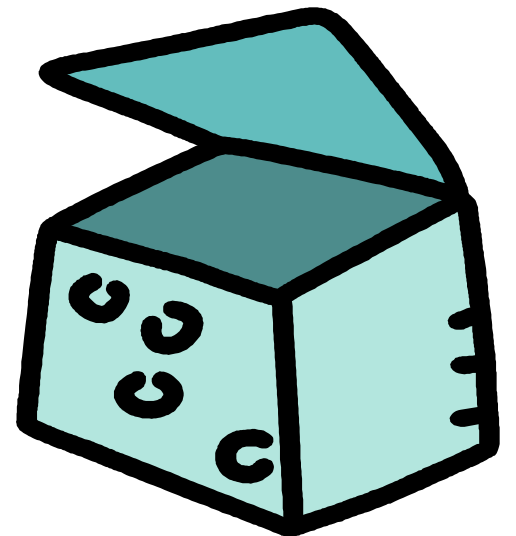
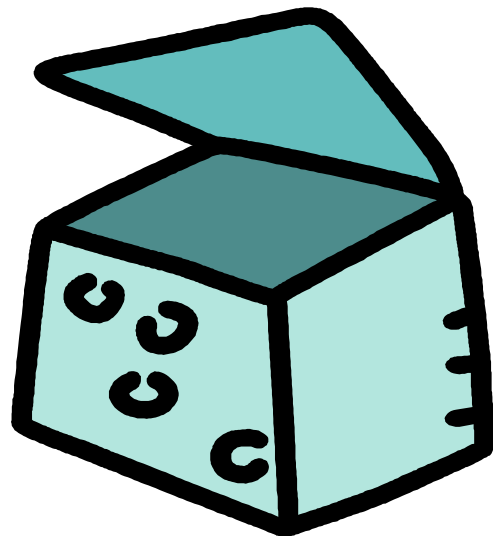
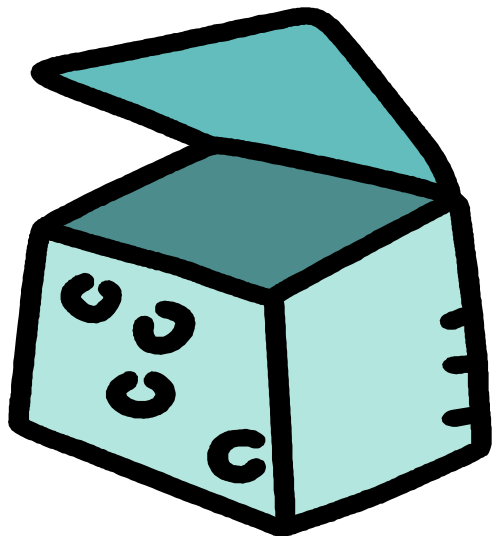


3 stage

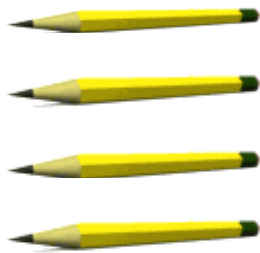
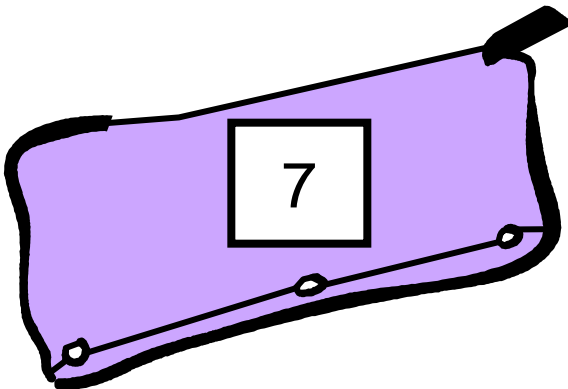
Say 'Then the children came and took 4 out.
How many lollies are in the box now?'



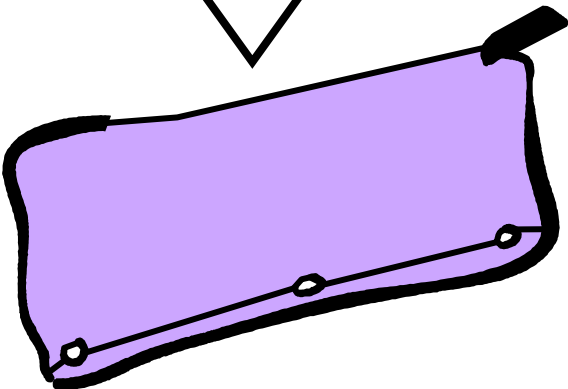
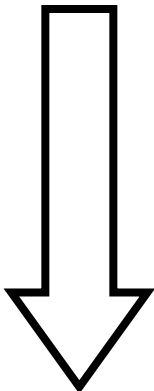




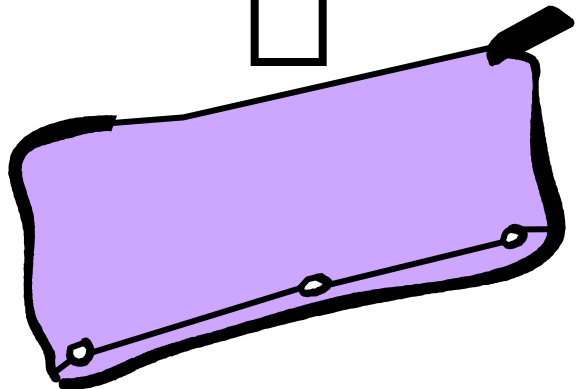
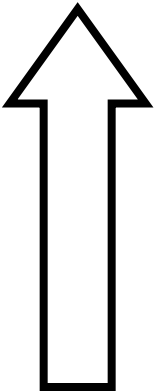


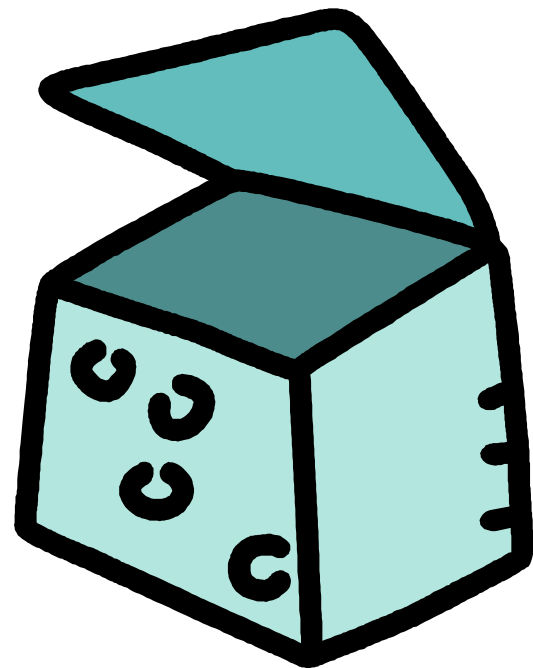
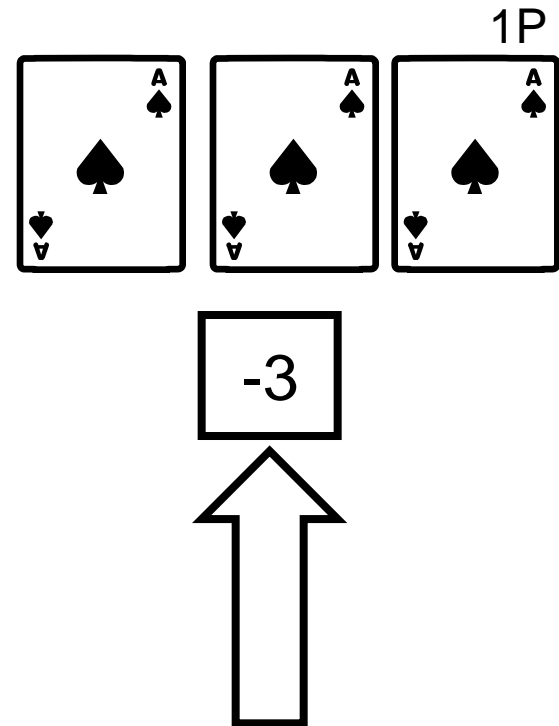
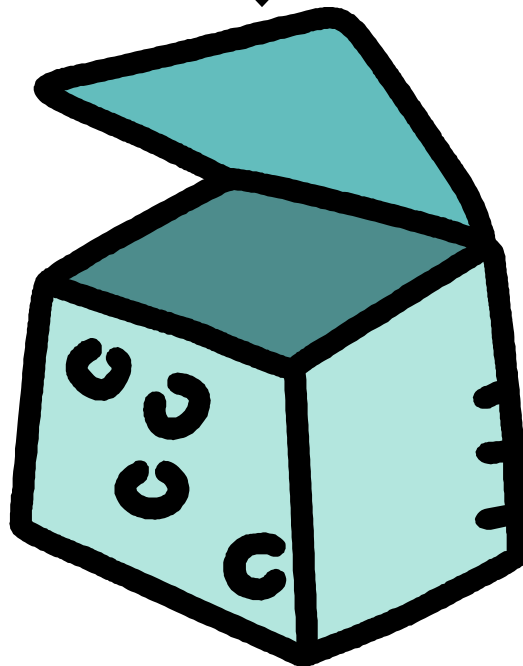
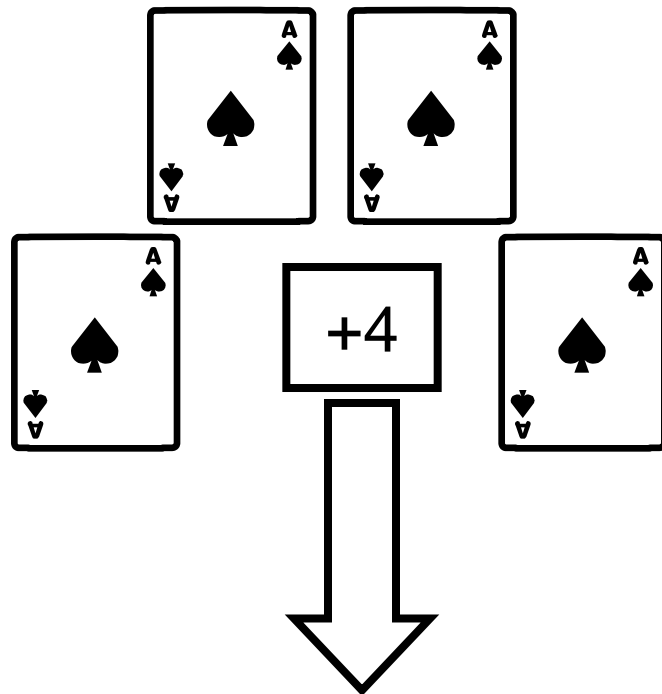
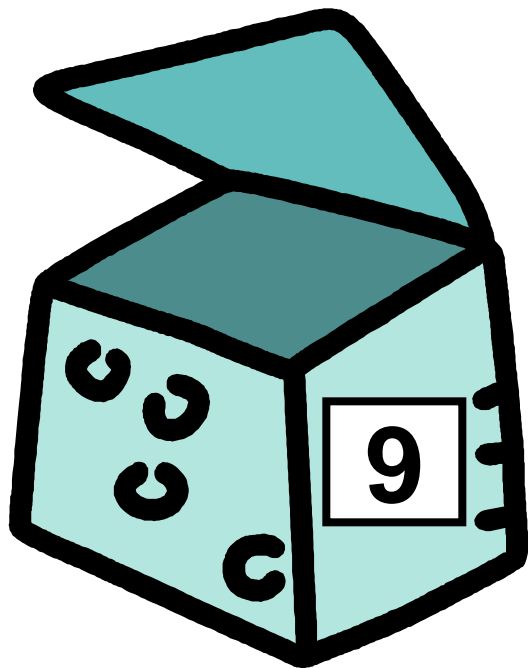


+4

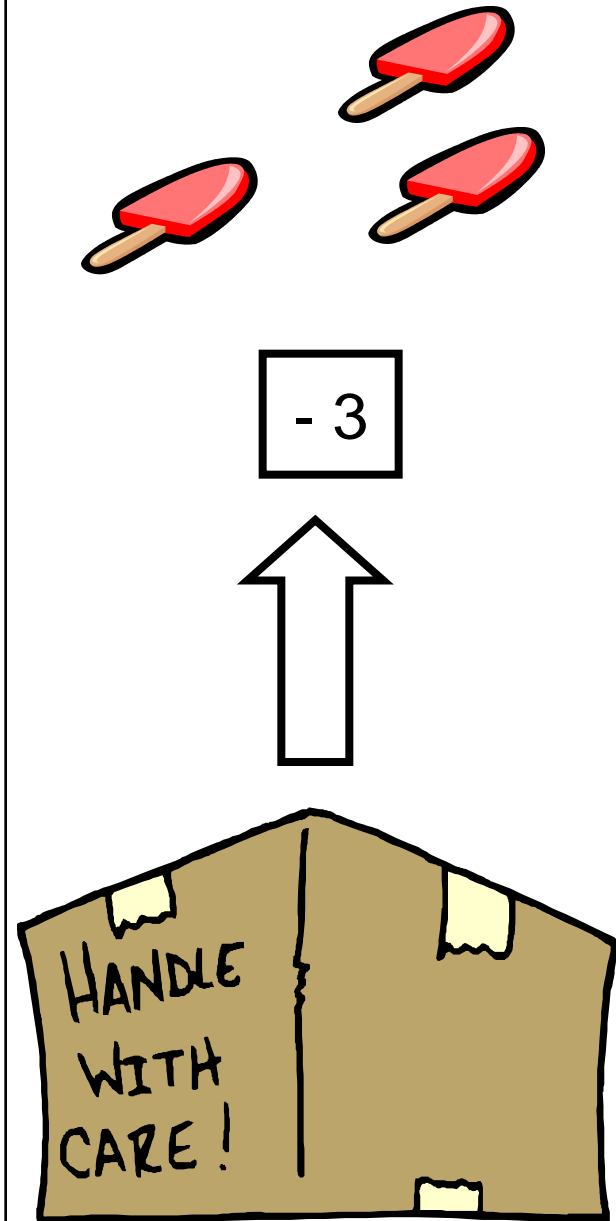
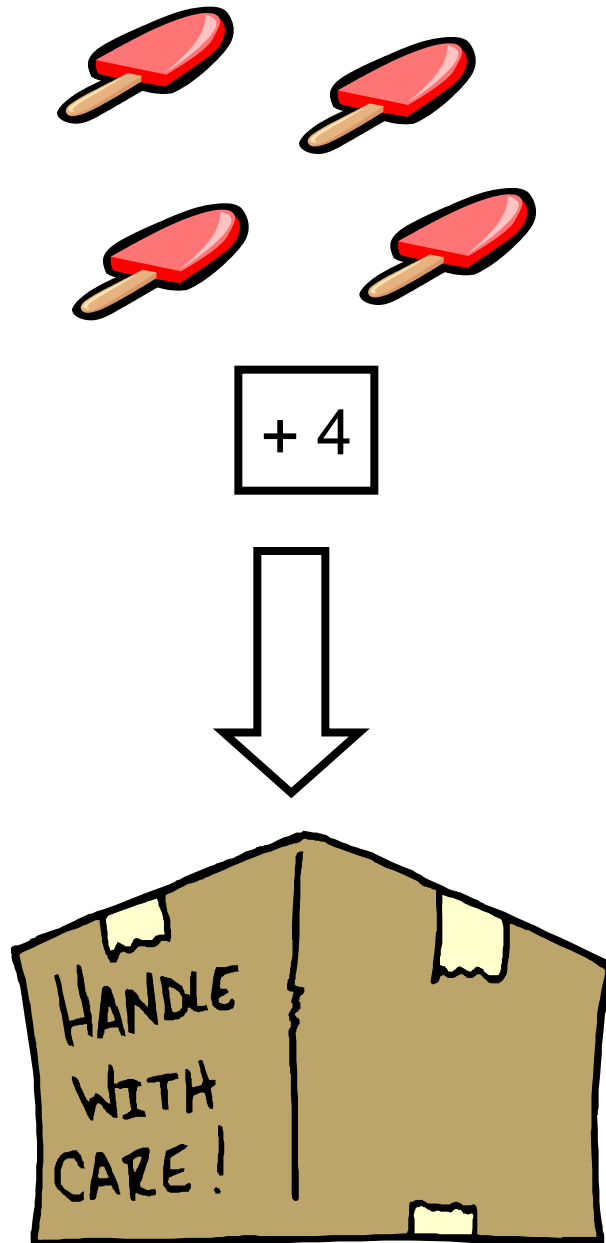
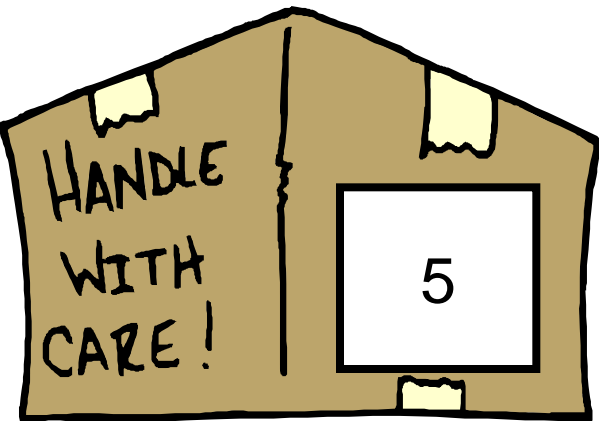


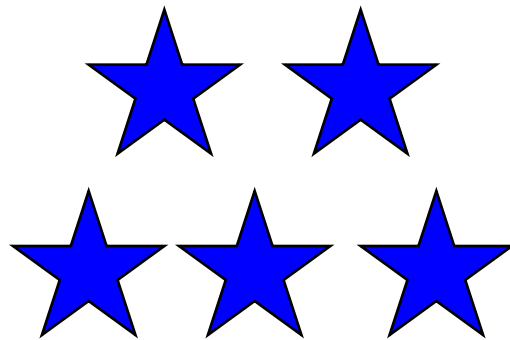
-4



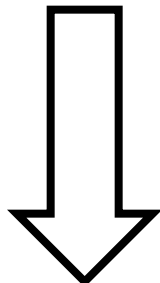






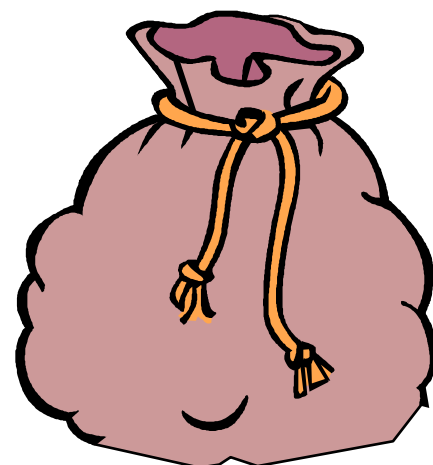
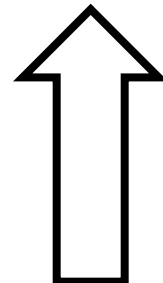


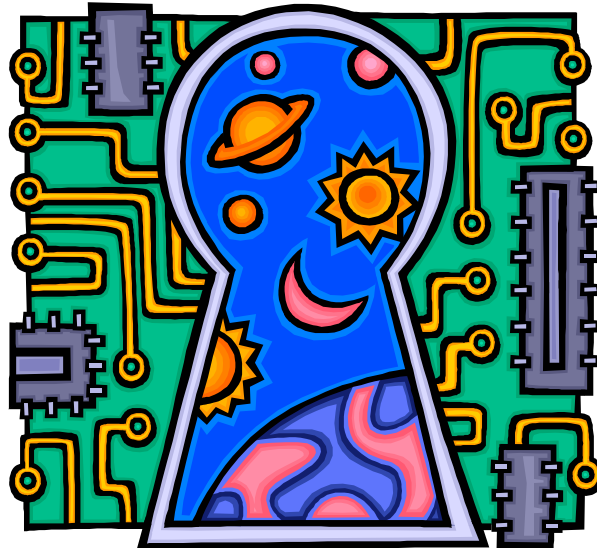
+5

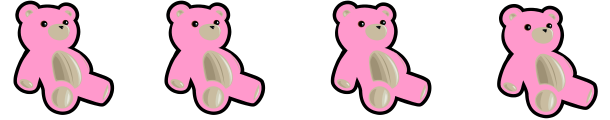
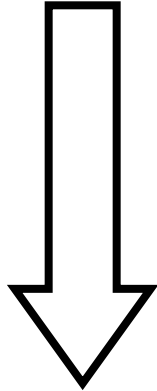
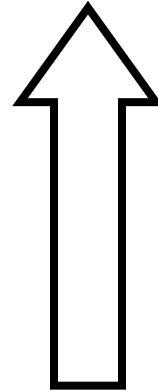


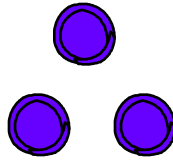
3K

-5

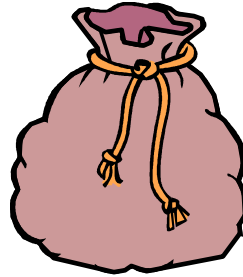
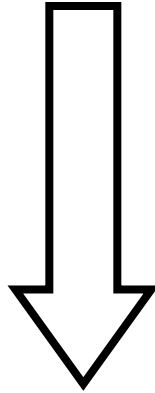




 $+ 3$  $- 4$ 



+ 3



- 2

