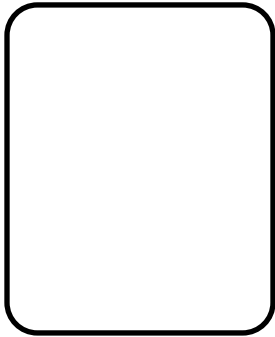
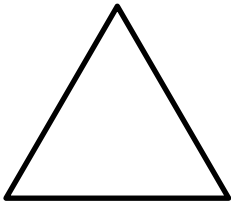


WORKSHEET

1) How many ways are there to change the mattress position on the bed?



2) How many ways are there to change the orientation of an equilateral triangle while keeping it in the same position? (You may want to label the corners.)



A. Write down the ways.

B. Decide on a symbol for each way to change the triangle.

C. What happens when you apply two changes? Does the order you apply them matter?

3) Military time avoids the need of AM and PM by labeling hours of the day by the numbers from 0 to 23, so that 0:00 is midnight, 12:00 is noon, 23:00 is 11PM.

A. What is 8:31AM in military time?

B. What is 8:31PM in military time?

C. What is 7:05 in standard time?

D. What is 22:18 in standard time?

E. If it is 15:00 now, what time will it be in 14 hours?

F. If it is 5:45 now, what time will it be in 25 hours?

G. Describe how this system of numbers works with the facilitator.