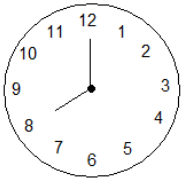
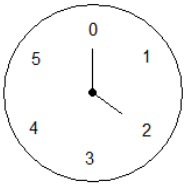
Mathematics, Grade 1
Unit II: Lesson A2

Activity: **Modular Addition**

Did you know that 8 + 7 = 3?
Not in your math book, but on your clock.
If you add 7 hours to 8 o'clock, you end up at 3 o'clock! This clock arithmetic is called modular arithmetic.




But what if your clock looked like this?
This clock has 6 numbers on it.
It's a modular 6 system.
3 + 3 = 0 and 5 + 4 = 3
Count around the clock to get the answers.




Make a poster that records five activities. Pretend our time is recorded on a clock with eight numbers, starting with zero. List five activities you do every day. Beside each activity draw a modular eight system clock showing the time; schedule activities two hours apart. Hand in your poster to your teacher.

*Adapted from the Good Time Math Event Book*