

WARM UP 12 O'CLOCK CLOCK ACTIVITY

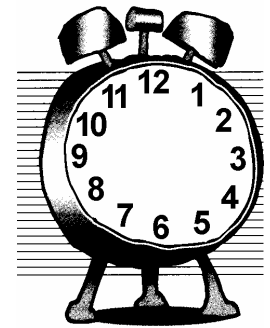
Materials Needed

- 12 number signs: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 marked large enough to see when held up in the classroom

Teacher Notes

Review adding and subtracting hours on a 12 hour clock as a class activity. Spread out the numbers 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 to students sitting in a circle. Ask questions emphasizing the idea that, on a 12 hour clock, you "start over" at 12 o'clock such as:

- If it is 3 o'clock now, what time will it be in 10 hours?
Students with "3" and "1" will hold up their number signs.
- If it is 5 o'clock now, what time will it be in 9 hours?
Students with "5" and "2" will hold up their number signs.
- If it is 4 o'clock now, what time was it 7 hours ago?
Students with "4" and "9" will hold up their number signs.



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Encourage all the students to help with the answers (not just the students holding the signs).

12 Hour Clock Arithmetic Questions

Have students practice adding and subtracting hours on a 12 hour clock by completing the following 12 hour clock arithmetic questions. Write the problems on an overhead or on the board and have the students work in small cooperative groups.

1. It is 10 o'clock now, what time will it be in 3 hours?
2. It is 3 o'clock now, what time will it be in 15 hours?
3. If it is 10 o'clock now, what time will it be in 52 hours?
4. If it is 4 o'clock now, what time was it 7 hours ago?
5. If it is 4 o'clock now, what time was it 15 hours ago?
6. If it is 4 o'clock now, what time was it 48 hours ago?