

Lesson 77 - Digital Clock, Minutes

Overview:

- Digital clock, minutes
- Number after 40's
- Identify things that belong together
- Place value 20's

Materials and Supplies:

- Teacher's Manual & Student Workbook
- White board
- Objects for counters
- Number flash cards
- Number chart
- Place value chart
- Place value blocks
- Clock models
- Number line strips

Teaching Tips:

- Teach time – 10 minutes.
- Review number after 40's.
- Review things that go together.
- Review number after 1–50.
- Review counting orally to 100.

Activities:

- Give each student a small digital clock model. Explain that a digital clock is like the place value chart. The numbers before the dots are hours. The first number place after the dots is 10 minutes, and the last place is minutes. Show them the numbers on a circular clock. The numbers 1–12 are for hours, so the numbers that can be placed in the hours' place are 1–12. Count around the clock by 10's to demonstrate that 1–6 are the numbers that can be used in the 10 minutes' place. Count by ones to 10 to show that 0–9 are the numbers that can be in the last place. Read the instruction to Activity ①. Review

Lesson 77

① Write the number of minutes.

:10 10 minutes **:40** 40 minutes

:50 50 minutes **:20** 20 minutes **:00** 00 minutes

② Write the number after.

44 45	41 42	40 41
47 48	45 46	48 49
42 43	49 50	46 47
22 23	37 38	16 17

Horizons Math K Book One 153

the sample problem and have them trace the 10. After this practice, they should be able to complete the rest of the activity independently.

- Orally review the 40's and number after. Caution the student(s) that this activity includes numbers other than 40's.
- Continue to ask the student(s) for items that go together. Read the directions. Go through each item in the activity. After reading the directions again have them complete the activity.
- Do some place value review with flash cards and the place value chart. Review several examples with 10's and 1's blocks. Help the student(s) only as necessary in completing this activity.

Lesson 77

③ Draw a line between the pictures that belong together.

④ Write the numbers.

tens	ones
2	3

23 = 2 tens and 3 ones.

tens	ones
2	6

26 = 2 tens and 6 ones.

20 = 2 tens and 0 ones.

28 = 2 tens and 8 ones.

24 = 2 tens and 4 ones.

Horizons Math K Book One 154