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Math 206

Lesson 1 (pages 1-6)

Speed Drill 1

Lesson Preparation

- LightUnit 206 for each student
- I AND M FLASH CARDS

New Skills / Concepts

- Understand the concept of multiplication
- Focus on facts for 6, 8, and 14

Oral Activities

→ Introduction. LightUnit 206 has something new. Read and discuss "To the Student" on the page after the contents page.

Read and discuss page 1 together. Ask students what they like about winter. Leaf through the LightUnit together, pointing out new things they will be learning. Be enthusiastic.

- → Title Bar. Point out that December is the last month of the year and January is the first. February is the shortest month of the year.
- **→ Counting.** Count forward and backward by 2's to 24.
- → I AND M FLASH CARDS and Speed Drill 1. Teach students how to color the right number of rectangles on the graph on page 78 to record their daily scores.

Teaching the Lesson

- → Multiplication. Draw five groups of four stars on the chalkboard. Tell students that we can multiply to find how many when the groups are of equal size. We can find the answer to multiplication by skip counting. If we have five groups of four stars, we count by 4's and get a total of 20. $5 \times 4 = 20$. Point out the *times* symbol and tell students that it means to multiply. Do several more examples together, using circles or triangles.
- → Fact Focus. Focus on facts for 6, 8, and 14. Write the related facts on the chalkboard. Review them together.
- **→** We Remember

Winter

"What do you like best about winter?" Miss Mary asked her second grade class.

"I like making snowmen and going sledding," said James.

"Our family goes skating together on the pond when it freezes, added Joyce.

"I really enjoy feeding the birds," said Mark. "I keep a record of the different kinds that come to our feeder. God has made lots of different birds, but my favorite is the cardinal."

Sarah giggled. "I like to stay home from school on snowy days. Sometimes we get to go visit Grandma and Grandpa then."

Michael raised his hand. "Yes, Michael," said Miss Mary.

"We live near the woods. It is fun to go into the woods after a new snowfall and look for animal tracks in the snow. Last year I tracked a wildcat close to our place," said Michael.

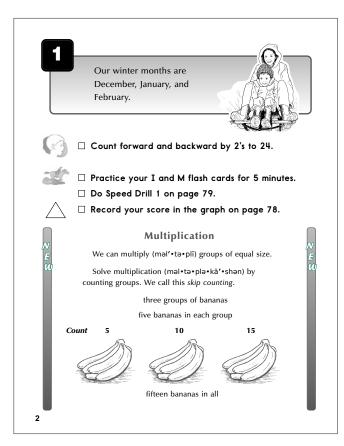
"Oh, that sounds scary to me," said Janell.

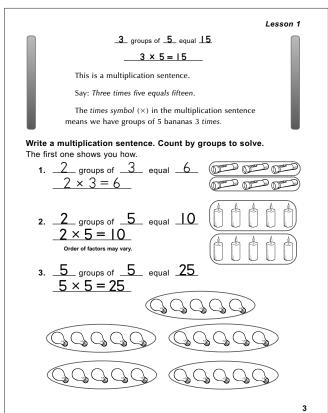
"What do you like about winter, Miss Mary?" asked James.

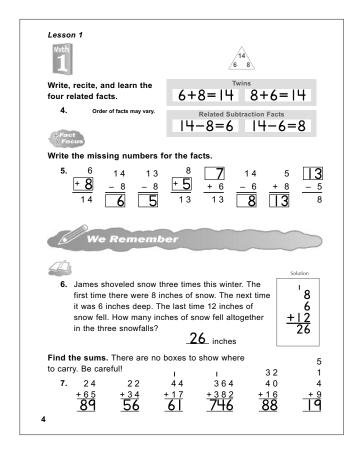
"I like looking at the snowflakes," answered Miss Mary. "Did you know they are all different? It reminds me that God also made people different from each other. No two people are exactly alike. And you are all special to God and to me."

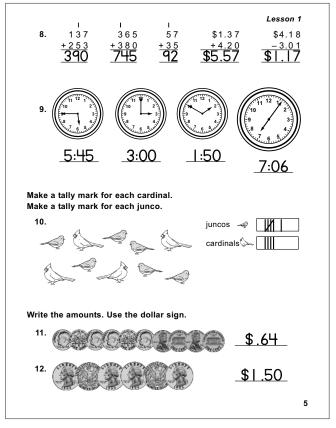
"Now let's open these winter LightUnits and have fun working in them," finished Miss Mary.

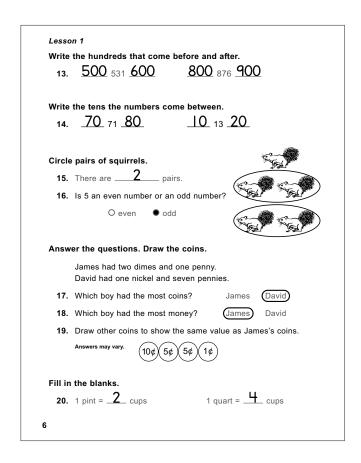
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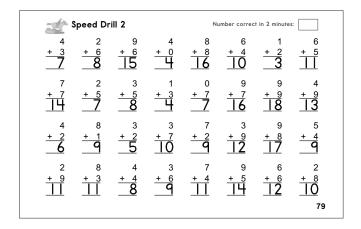
Lesson 2 (pages 7-11)

Lesson Preparation

- A calendar from last year
- This year's calendar
- L AND M FLASH CARDS
- Teaching clock

New Skills / Concepts

- Count how many minutes have passed from a given time
- Learn the terms factor and product



Oral Activities

- → Title Bar. Look at last year's calendar to see which day winter began last year. Check this year's calendar to see which day winter begins this year.
- → Counting. Count forward and backward by 12's to 60 and by 5's to 60.
- → L AND M FLASH CARDS and Speed Drill 2. Have students record their scores on the graph on page 78.

Teaching the Lesson

- → How Much Time Has Passed? Do the example on LightUnit page 7 together on the chalkboard. The clock shows the time the van began to wait. Have students place a dot by the number the minute hand was on when the van was able to go again. Count by 5's from the original time to the dot. That is the answer. Do more examples on the board or use the teaching clock.
- → Factors and Products. Write a simple addition problem on the chalkboard. Review *addends* and *sum*. Write a horizontal multiplication problem on the board. Point out that the numbers we multiply are *factors*; the answer is the *product*. Use these terms often in your teaching.
- **→** We Remember

Helpful Hint

Figure how long different activities of the school day take. For example, morning recess begins at 10:00; it ends at 10:15. How long is recess? Devotions begins at 8:30 and ends at 8:45. How long is devotions?

