L esson 58

addition facts—last eight facts

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lesson preparation

materials
cup of 14 pennies
work mat
addition fact cards — white
Fact Sheet A 8.1

the night before
• Separate the white addition fact cards.

in the morning
• Write the following in the pattern box on the meeting strip:

> ## 11, 22, 33, 44, ___ , ___ , ___ , ___ , ___

Answer: 11, 22, 33, 44, 55, 66, 77, 88, 99

• Write 46¢ on the meeting strip. Provide a cup of 10 dimes, a cup of 10 nickels, and a cup of 20 pennies.

THE MEETING

calendar

• Ask your child to write the date on the calendar and meeting strip.

• Ask your child the following:

date _____ days ago, date _____ days from now

day of the week _____ days ago, day of the week _____ days from now

months of the year, _____th month, month before, month after

• Record on the meeting strip a special event and the number of days until it occurs.

weather graph

• Ask your child to color the graph and write the temperature to the nearest ten degrees in the box he/she colored.

• Ask questions about the graph.

counting

"We will practice adding and subtracting ten and one again today."

• Ask your child to select a number on the hundred number chart.

"I will say add ten, subtract ten, add one, or subtract one."

"Say the new answer and point to the number on the hundred number chart."

• Do this 6–10 times.

"What will you need to do to get back to (starting number)?"

• Ask your child to give the directions for returning to the starting number.

• Do the following 2–3 times a week:

count by 10's to 300 and backward from 300 by 10's

count by 5's to 100 and backward from 50 by 5's

say the even numbers to 100 and backward from 100

say the odd numbers to 49 and backward from 49

graph questions

• You and your child each ask a question about any of the graphs.

patterning

• Ask your child to do the following:

identify the pattern (repeating, continuing, or both)

identify the numbers to complete the pattern

read the pattern

money

• Ask your child to put the dimes, nickels, and/or pennies in the coin cup.

• Count the money in the coin cup together.

clock

• Ask your child to set the clock on the half hour or hour.

• Ask the following:

time shown on the clock

time one hour ago and time one hour from now

• Ask your child to write the digital time on the meeting strip.

• Record on the meeting strip the time an activity will occur.

number of the day

- Write three number sentences for the number of the day on the meeting strip.

THE LESSON

Addition Facts — Last Eight Facts

"We have learned almost all of the addition facts."

"Today you will learn the last eight addition facts."

- Write the following on the chalkboard:

$$\begin{array}{cccccccc} 5 & 6 & 8 & 7 & 7 & 8 & 8 & 8 \\ +3 & +3 & +3 & +4 & +5 & +4 & +5 & +6 \end{array}$$

"Which of these answers do you think will be more than 10?"

"How do you know?"

- Put a check above each problem your child names.

"Let's use pennies to find these answers."

- Give your child a construction paper work mat and a cup of twenty pennies.

"Let's make up a story for the first problem."

- Ask your child to make up a story to match the problem.

"How will we use the pennies to find the answer to this story?"

"Put five pennies on your mat."

"Now put three more pennies on your mat."

"How many pennies do you have now?" *8*

"How did you find the answer?"

- Encourage your child to count on from five.

- Record the answer beneath the chalkboard problem.

"Let's make up a story for the next problem."

- Ask your child to make up a story to match the problem.

"What do you think the answer will be?"

"How do you know?"

"Let's use the pennies to find the answer to this story."

"Put six pennies on the work mat."

"Now put three more pennies on the work mat."

"How many pennies do you have now?" *9*

- Record the answer beneath the chalkboard problem.
- Repeat with the other problems.

  "Put the pennies in the cup."

  "Which problems have the same answers?" 8 + 3, 7 + 4; 7 + 5, 8 + 4

  "What do you notice about these problems?"

  "Some people call these eight number facts the oddballs because they don't follow a pattern."

  "Let's practice these number facts together."

  "I'll say a problem."

  "Let's see how fast you can say the answer."

- Allow your child to refer to the chalkboard problems, if necessary.

CLASS PRACTICE

number fact practice

- Give your child the white addition fact cards.
- Use the white fact cards to practice the oddball number facts with your child.
- Give your child **Fact Sheet A 8.1**.
- Time your child for one minute.
- Correct the fact sheet with your child and record the score.
- Allow time for your child to complete the unfinished facts.

WRITTEN PRACTICE

- Complete **Worksheet 58A** with your child.
- Complete **Worksheet 58B** with your child later in the day.