

Overview of Activities 15 and 16

Activity 15

Inside and Around

Objective: Understand and measure perimeter

Level: C

Number of Players: 2

Materials: 2 sets of Tangram pieces, copies of Centimeter Grid Paper (BLM 2), 1 Beginner's Ruler, and recording sheet for each player

Advance Preparation: Make copies of Centimeter Grid Paper (BLM 2).

Activity Notes: In this activity, students count squares on a centimeter grid to find the perimeter and area of shapes. Tell students that each square on the grid is 1 centimeter long and 1 centimeter wide. Guide students through the activity with questions such as: *How many sides does the shape have? How long is each side? What is the perimeter of the shape? How many squares are inside the shape? What is the area of the shape?*

Writing Prompt: Answers will vary. Check students' drawings.

Skill Practice Answers: 1. 20 cm, 12 cm; 2. 16 cm, 12 cm; 3. 20 cm, 16 cm; 4. 18 cm, 14 cm

Activity 16

Now and Later, Now and Earlier

Objective: Read and write time to the nearest five-minute interval

Level: A

Number of Players: 2

Materials: Mini-Clock, paper clip, copies of Earlier and Later (BLM 3), and recording sheet for each player

Advance Preparation: Make copies of Earlier and Later (BLM 3).

Activity Notes: In this activity, students find the time a half-hour earlier or later than the time on the spinner. Introduce the activity with this warm-up. Show 9:00 on the Mini-Clock. Ask: *What time does the clock show?* (9:00) Move the minute hand forward to show 9:30. Ask: *What is the time a half-hour later than 9:00?* (9:30) *Where is the hour hand pointing?* (halfway between the 9 and the 10) *the minute hand?* (on the 6) Show 6:00 on the Mini-Clock. Ask: *What time does the clock show?* (6:00) Move the minute hand back to show 5:30. Ask: *What is the time a half-hour earlier than 6:00?* (5:30) *Where is the hour hand pointing?* (halfway between the 5 and the 6) *the minute hand?* (on the 6)

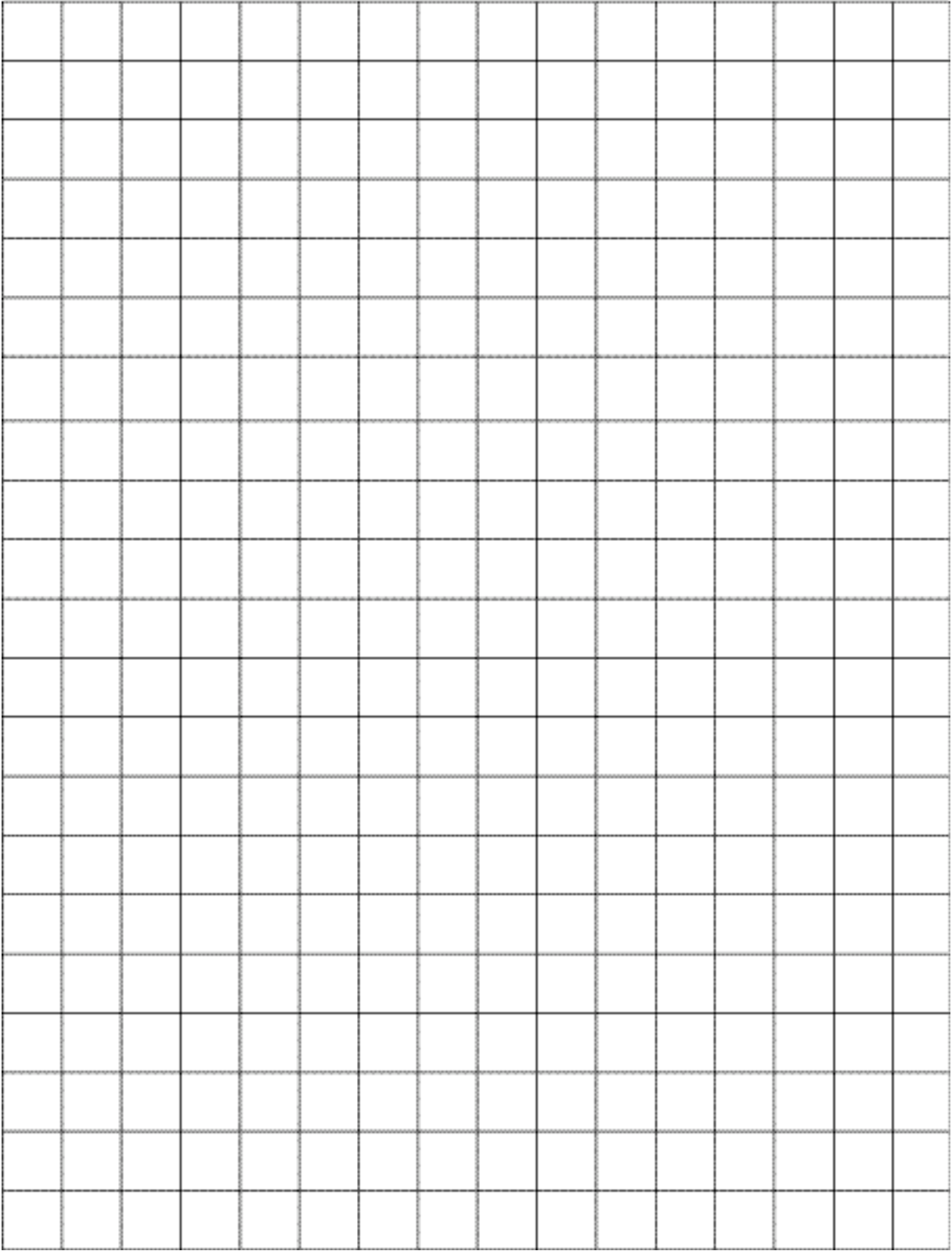
Writing Prompt: Sample response: The short hand moves halfway between the number it was on and the next number.

Skill Practice Answers: 1. ten thirty; 2. 6 o'clock; 3. 2 o'clock; 4. two thirty; 5. six thirty; 6. 3 o'clock; 7. 5 o'clock; 8. one thirty

Centimeter Grid Paper

Use with Activities 9, 14, and 15

Center Stage™ Math	BLM 2
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Earlier and Later

Use with Activity 16

Left Spinner

Right Spinner

Time Spun

Show This Time

How Much
Later or Earlier?

Write and show the
later or earlier time.