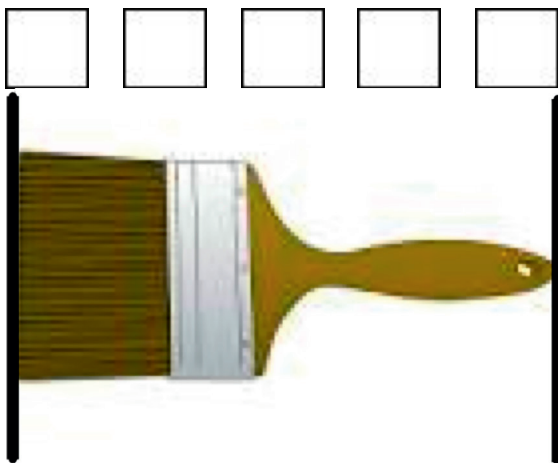# Exit Ticket Packet

Name _____   Date _____

Sara lined up her centimeter cubes to find the length of the picture of the paintbrush.

Sara thinks the picture of the paintbrush is 5 centimeter cubes long.
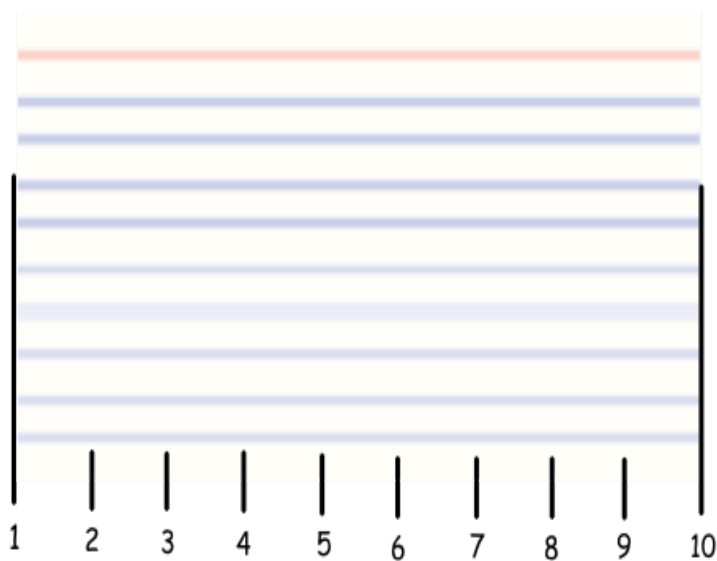

Is her answer correct? Explain why or why not.

_____

_____

_____

_____

Name _____   Date _____

Matt measured his index card using a centimeter cube. He marked the endpoint of the cube as he measured. He thinks the index card is 10 centimeters long.

1 2 3 4 5 6 7 8 9 10

a. Is Matt's work correct? Explain why or why not.

_____

_____

_____

b. If you were Matt's teacher what would you tell him?

_____

_____

_____

EUREKA MATH™

Lesson 2:   Use iteration with one physical unit to measure.

2

Name _____   Date _____

1. Use your centimeter ruler. What is the length in centimeters of each line?
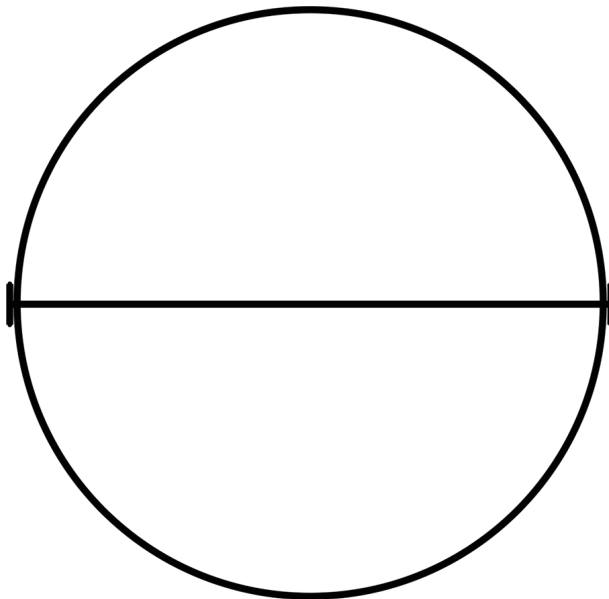
   a. Line A is _____ cm long.

      Line A   ————————————————————

   b. Line B is _____ cm long.

      Line B   ——————————————————————————

   c. Line C is _____ cm long.

      Line C   ——————————

2. Find the length across the center of the circle.

   The length across the circle is _____ cm.

EUREKA MATH™

Lesson 3:   Apply concepts to create unit rulers and measure lengths using unit rulers.

3

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Name _____ Date _____

1. Circle cm (centimeter) or m (meter) to show which measurement you would use to measure the length of each object.

   a. Length of a train   cm   or   m

   b. Length of an envelope   cm   or   m

   c. Length of a house   cm   or   m

2. Would it take more meters or more centimeters to measure the length of a playground? Explain your answer.

   _____

   _____

   _____

   _____

EUREKA MATH™

Lesson 4:   Measure various objects using centimeter rulers and meter sticks.

4

Name _____   Date _____

1. Circle the most reasonable estimate for each object.

    a. Length of a push pin   1 cm or 1 m

    b. Length of a classroom door   100 cm or 2 m

    c. Length of a pair of student scissors   17 cm or 42 cm

2. Estimate the length of your desk. (Remember, the width of your pinky is about 1 cm.)

    My desk is about _____ cm long.

3. How does knowing that an unsharpened pencil is about 20 cm long help you estimate the length of your arm from your elbow to your wrist?

    _____

    _____

    _____

    _____

EUREKA MATH™

Lesson 5:   Develop estimation strategies by applying prior knowledge of length
              and using mental benchmarks.

5

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Name _____ Date _____

Measure the length of each line and compare.

Line M ━━━━━━━━━━━━━━━━━━━━━━━━━━━━

Line N   ━━━━━━━━━━━━━━━

Line O   ━━━━━━━━━━━━━━━━━━━━━━━

1. Line M is about _____ cm longer than Line O.

2. Line N is about _____ cm shorter than Line M.

3. Line N doubled would be about _____ cm (longer/shorter) than Line M.

Name _____   Date _____

Measure the lines with small paper clips and then with a centimeter ruler. Then, answer the questions below.

Line 1 ──────────────────────

Line 2 ────────────

Line 3 ──────────────────

a. Line 1

_____ paper clips   _____ cm

b. Line 2

_____ paper clips   _____ cm

c. Line 3

_____ paper clips   _____ cm

Explain why each measurement required more centimeters than paper clips.

_____

_____

_____

EUREKA MATH™

Lesson 7:   Measure and compare lengths using standard metric length units and non-standard length units; relate measurement to unit size.
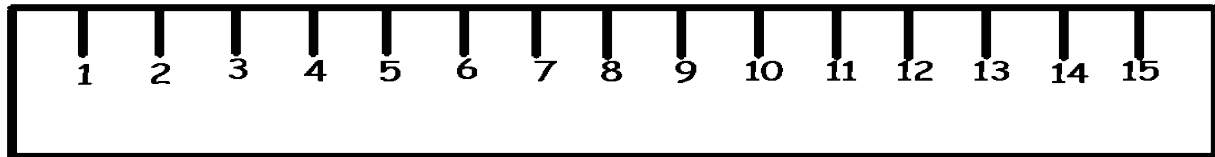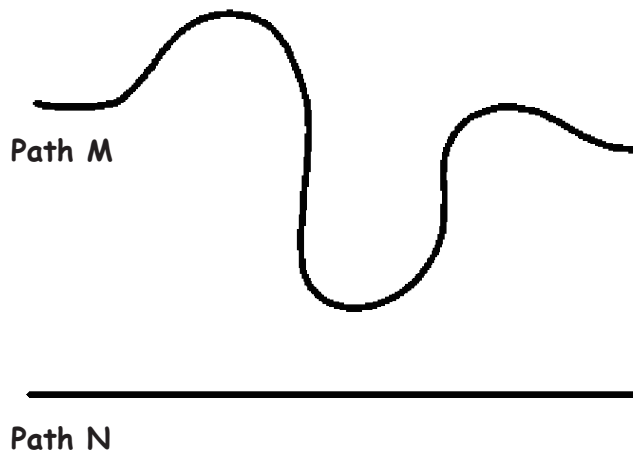
7

Name _____   Date _____

1. Use the ruler below to draw one line that begins at 2 cm and ends at 12 cm. Label that line R. Draw another line that begins at 5 cm and ends at 11 cm. Label that line S.

    a. Add 3 cm to Line R and 4 cm to Line S.

    b. How long is Line R now? _____ cm

    c. How long is Line S now? _____ cm

    d. The new Line S is _____ cm (shorter/longer) than the new Line R.

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Lesson 8:   Solve addition and subtraction word problems using the ruler as a number line.

8

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Name _____ Date _____

1. Use your string to measure the two paths. Write the length in centimeters.

Path M

Path N

Path M is _____ cm long.

Path N is _____ cm long.

2. Mandy measured the paths and said both paths are the same length.
    Is Mandy correct? Yes or No? _____

    Explain why or why not.

    _____

    _____

3. Draw a tape diagram to compare the two lengths.

Lesson 9:   Measure lengths of string using measurement tools, and use tape
diagrams to represent and compare lengths.

9

Name _____   Date _____

Steven has a black leather strip that is 13 centimeters long. He cut off 5 centimeters.
His teacher gave him a brown leather strip that is 16 centimeters long. What is the
total length of both strips?

EUREKA MATH

Lesson 10:   Apply conceptual understanding of measurement by solving two-step
word problems.

10

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