Most recent update: April 18, 2018

RightStart™ Mathematics

Corrections and Updates for Level F/Grade 5 Lessons and Worksheets, second edition

<table>
<tr><th>LESSON/WORKSHEET</th><th>CHANGE DATE</th><th>CORRECTION OR UPDATE</th></tr>
<tr><td>Lesson 7</td><td>04/18/2018</td><td>The Quotient and Remainder game instructions should read: Place the dividend card, the multiplication card, first in the row, as shown below."</td></tr>
<tr><td>Lesson 41</td><td>12/29/2017</td><td>On the second page in the middle of the page at the end of the paragraph, it should read "What is the expression after multiplying by 10? [7.5/5]" It previously read 100.</td></tr>
<tr><td>Lesson 54 Worksheet 42-B</td><td>12/29/2017</td><td>The last equation in the "<, >, or =" section should read 87 × 32.5 ÷ 87, not 87 ÷ 32.5 × 87 as printed. Answer is the lesson book is correct.</td></tr>
<tr><td>Lesson 61</td><td>12/29/2017</td><td>The three answers problems 2–4, Figure C, are wrong. Correct answers are highlighted.
<table>
<tr><th></th><th colspan="3">Figure B</th><th colspan="3">Figure C</th></tr>
<tr><th></th><th>1 small square</th><th>2 small squares</th><th>Large square</th><th>1 small square</th><th>2 small squares</th><th>Large square</th></tr>
<tr><td>Area in △</td><td>4</td><td>8</td><td>8</td><td>8</td><td>16</td><td>16</td></tr>
<tr><td>Side in cm</td><td>5</td><td></td><td>7</td><td>7</td><td></td><td>10</td></tr>
<tr><td>Area in cm²</td><td>25</td><td>50</td><td>49</td><td>49</td><td>98</td><td>100</td></tr>
<tr><td>Side in mm</td><td>50</td><td></td><td>70</td><td>70</td><td></td><td>100</td></tr>
<tr><td>Area in mm²</td><td>2500</td><td>5000</td><td>4900</td><td>4900</td><td>9,800</td><td>10,000</td></tr>
<tr><td>Side in in.</td><td>2</td><td></td><td>2.8</td><td>2.8</td><td></td><td>3.9</td></tr>
<tr><td>Area in in²</td><td>4</td><td>8</td><td>7.8</td><td>7.8</td><td>15.6</td><td>15.2</td></tr>
</table>
</td></tr>
<tr><td>Lesson 64</td><td>04/18/2018</td><td>The answer for the last question in the Warm up should be "multiply a side by itself or $A = s^2$," not "multiply a side by 4 or $A = s^2$."</td></tr>
<tr><td>Lesson 64 Worksheet 52</td><td>04/11/2018</td><td>In the last chart on the page, the middle heading should read Boundary Pairs – 1, not Boundary Pairs. See attached pdf.</td></tr>
<tr><td>Lesson 66 Worksheet 54</td><td>04/18/2018</td><td>Questions should read "Are the formulas for finding…all correct?", not ""Are the formulas for finding… are correct?" See attached pdf.</td></tr>
<tr><td>Lesson 75</td><td>02/15/2018</td><td>On the second page, the calculation for the triangular prism should read 1/2 × 2.5 × 2.1 for the base, calculating the volume at 19.7 cm^3.</td></tr>
<tr><td>Lesson 76</td><td>04/11/2018</td><td>On the second page, last paragraph under the Problem 4 heading, the answer should read 1,000,000,000, not 1,000,000.000.</td></tr>
<tr><td>Lesson 91</td><td>04/18/2018</td><td>First answer for the warm up should be 7 11/9 = 8 2/9, not 8 2/5.</td></tr>
<tr><td>Lesson 94</td><td>04/18/2018</td><td>Answer for the third Warm Up problem should be 1 17/30.</td></tr>
</table>

Lesson 131	04/18/2018	Last question in the conclusion should read: What is 20 millimeters divided by1 centimeter? [2], not What is 20 millimeters divided by 10 centimeters? [2]
Lesson 134 Worksheet 115	04/18/2018	Information at the top of the page, conversion for km needs to read: 1 km = 1000 m, not 1000 cm. See attached pdf.
Lesson 139	04/18/2018	Answer for Worksheet 120-A, under the <, >, or = section, 45 days < 2 months.
Lesson 142 Worksheet 123	04/18/2018	Second to last question and answer for Worksheet 123 should read: What is the name of a quadrilateral with only two sides parallel? Answer trapezoid is correct. See attached pdf.

Name: _____

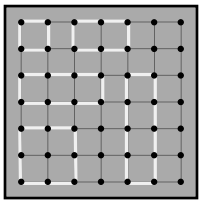
Date: _____

A square formed by four pegs on the geoboard is 1 unit of area.

Boundary points are pegs on the perimeter of the figure. A *boundary pair* is two boundary points.

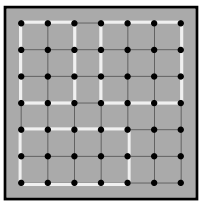
Fill in the table for each figure below.

Figures 1 to 5.



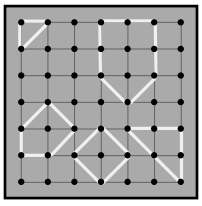
Area in Units	Number of Pegs	
	Boundary Pairs	Inside
1	2	

Figures 6 to 8.



Area in Units	Number of Pegs	
	Boundary Pairs	Inside

Figures 9 to 13.



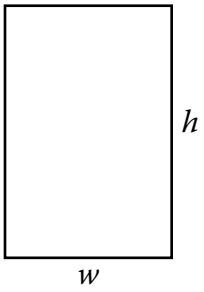
Area in Units	Number of Pegs	
	Boundary Pairs – 1	Inside

Name: _____

Date: _____

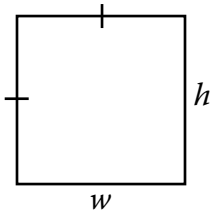
1. Are the formulas for finding the perimeter, P, and area, A, of a rectangle all correct? Write yes or no.

_____ $P = w + h + w + h$
_____ $P = 2w + 2h$
_____ $P = w \times h$
_____ $P = 2(w + h)$
_____ $A = 2(w \cdot h)$
_____ $A = w \times h$



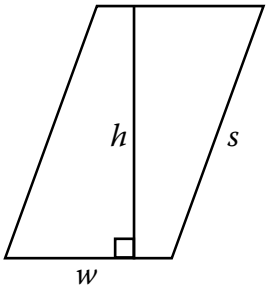
2. Are the formulas for finding the perimeter, P, and area, A, of a square all correct?
Write yes or no.

_____ $P = w + h + w + h$
_____ $P = 2w + 2h$
_____ $P = 2(w + h)$
_____ $P = 4w$
_____ $A = 2 \times (w + h)$
_____ $A = w \cdot h$
_____ $A = w^2$
_____ $A = h^2$



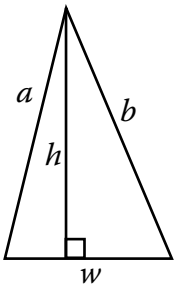
3. Are the formulas for finding the perimeter, P, and area, A, of a parallelogram all correct? Write yes or no.

_____ $P = 2w + 2h$
_____ $P = w \times s$
_____ $P = 2(w + s)$
_____ $A = 2(w \times h)$
_____ $A = ws$
_____ $A = wh$
_____ $A = w \cdot h$



4. Are the formulas for finding the perimeter, P, and area, A, of a triangle all correct?
Write yes or no.

_____ $P = w + b + h$
_____ $P = 2w + 2h$
_____ $P = w + b + a$
_____ $A = w + h$
_____ $A = \frac{1}{2}(w \times h)$
_____ $A = \frac{1}{2} \times (w + h)$
_____ $A = \frac{1}{2}wh$
_____ $A = \frac{wh}{2}$



Name: _____

Date: _____

INFORMATION: The definition of an inch is: 1 in. = 2.54 cm.

Conversions you may need: 1 km (kilometer) = 1000 m 1 mi = 5280 ft 1 yd = 36 in.

Use dimensional analysis to solve the problems. Do not round. You may use a calculator.

1. Find how many centimeters are in a foot.

   _____ → _____ → _____

   $1 \text{ ft} = 1 \text{ ft} \times \frac{\quad}{\text{ft}} \times \frac{\quad}{\text{in.}} =$ _____ Does your answer agree with a ruler? _____

2. Find how many centimeters are in a yard.

   _____ → ft → _____ → _____

   1 yd = _____ × _____ × _____ × _____ = _____

   Does your answer agree with a yardstick? _____

3. Find how many kilometers are in a mile.

   _____ → ft → _____ → cm → m → km

   1 mi = _____ × _____ × _____ × _____ × _____ × _____ = _____

   Which is longer, a kilometer or a mile? _____

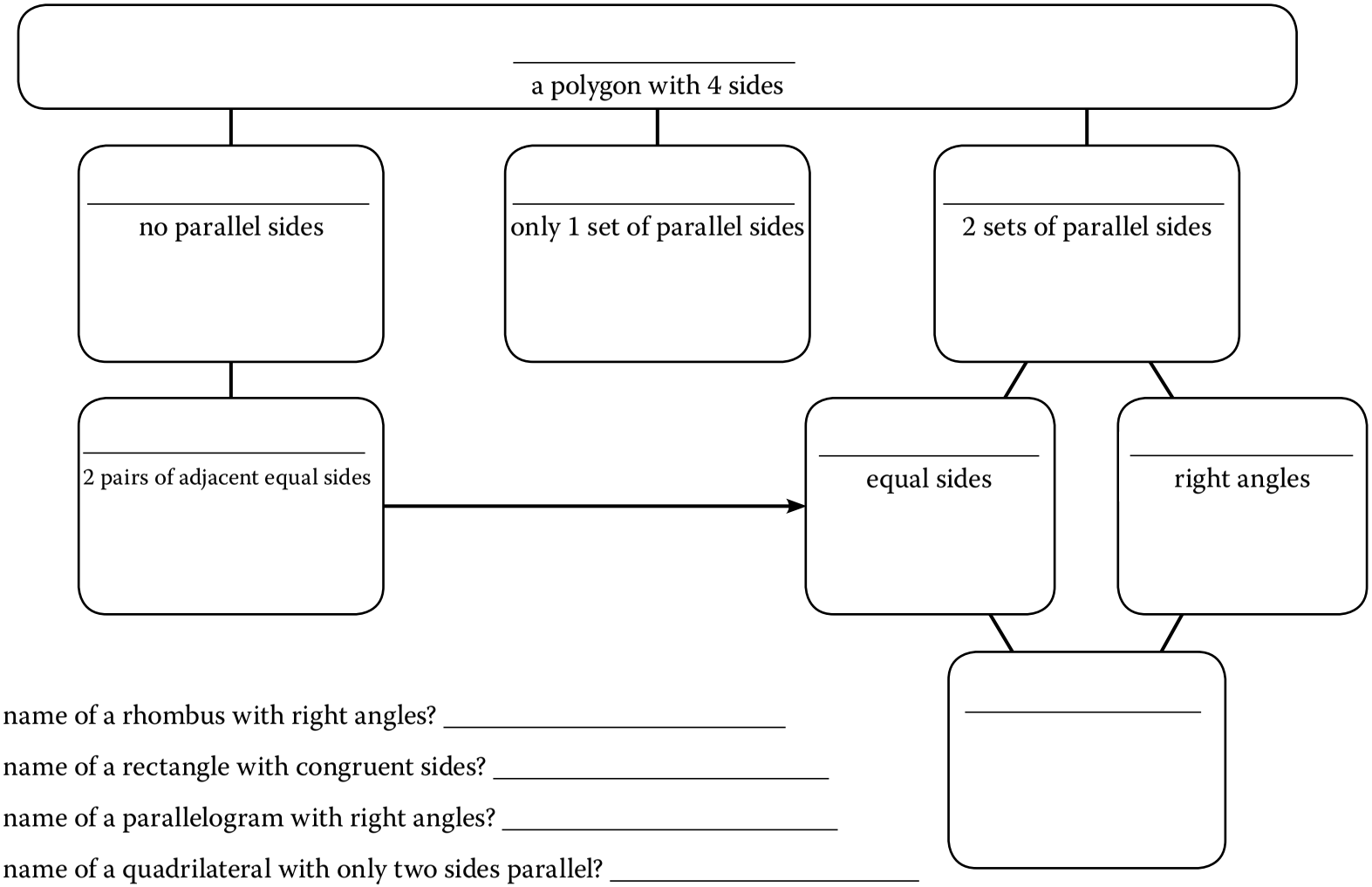
   Round your answer to one decimal point. _____

4. How many miles are in a kilometer? Use your unrounded answer from Problem 3. Round to two decimal places.

   _____ → _____

Name: _____ Date: _____

Write the following terms in the chart: no name, trapezoid, parallelogram, rhombus, kite, quadrilateral, square, and rectangle. Use your drawing tools to draw a sample figure in each of the six boxes. Then answer the questions below.



What is the name of a rhombus with right angles? _____

What is the name of a rectangle with congruent sides? _____

What is the name of a parallelogram with right angles? _____

What is the name of a quadrilateral with only two sides parallel? _____

What three quadrilaterals can be made with these lines: ═══ ═══

_____