

### 4<sup>th</sup> Grade: Unit 2 Skill Overview

Use the Self-Assessment to help you reflect on your progress towards our math goals in Unit 2. Below you will find examples of the types of problems you have completed in this unit. The examples may be used as additional practice if needed. Refer to your Student Reference Book for additional information and practice.

**Skill**

**Examples**

① Make arrays.

Make 2 different arrays for 6.



② Find factors and multiples.

Write equations to help you find all the factor pairs of each number below.  
Use dot arrays, if needed.



Number	Equations with 2 Factors	Factor Pairs
20		

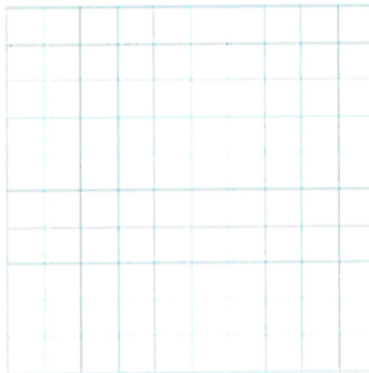
List the first 5 multiples of 10. \_\_\_\_\_



List the first 10 multiples of 6. \_\_\_\_\_

③ Find the area of rectangles.

Draw a rectangle with a length of 5 and width of 8.



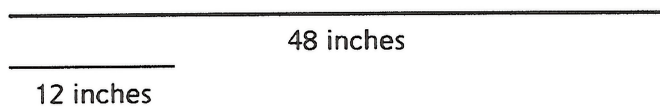
④ Change from hours to minutes.

Equation: \_\_\_\_\_

Area = \_\_\_\_\_ square units

Hours	Minutes
1	
2	
3	
5	
7	

Jon's marble rolled 48 inches. Alana's marble rolled 12 inches. Jon's marble rolled how many times as far as Alana's?



5) Know whether to add or multiply when comparing two things.



a. Write an equation with an unknown to represent this comparison.

b. Answer: \_\_\_\_\_ times as far

Samara has 5 times as many apples as Asher. If Asher has 9 apples, how many does Samara have?

a. Equation with unknown: \_\_\_\_\_

b. Answer: \_\_\_\_\_ apples

6) Explain my mathematical thinking clearly and precisely.

Ted runs a landscape business and needs at least 850 tulip bulbs for fall planting. The plant nursery sent several packages of bulbs: 3 packs with 33 bulbs each, 5 packs with 18 bulbs each, 6 packs with 52 bulbs each, and 3 packs with 105 bulbs each. Estimate how many bulbs Ted received.

Estimate: \_\_\_\_\_

**Writing/Reasoning** Renee said that the landscaper in Problem 3 has enough bulbs.

Do you agree? Explain. \_\_\_\_\_

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⑦ Identify properties of a quadrilateral.

Can a parallelogram have right angles? \_\_\_\_\_ Explain.

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Could a quadrilateral have 4 obtuse angles? \_\_\_\_\_ Explain.

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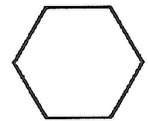
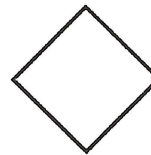
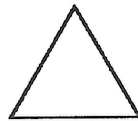
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Name a quadrilateral that has at least 1 pair of parallel sides.

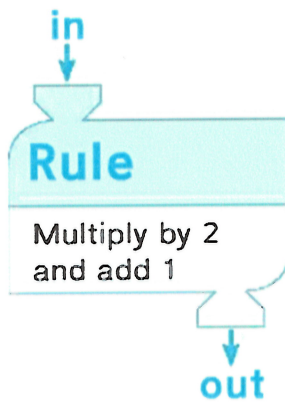
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⑧ Identify a line of symmetry.

Circle the polygons that are symmetrical.



- 9 Solve a “What’s My Rule?” table.



in	out
2	5
5	
12	
30	
110	

What patterns do you see?

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