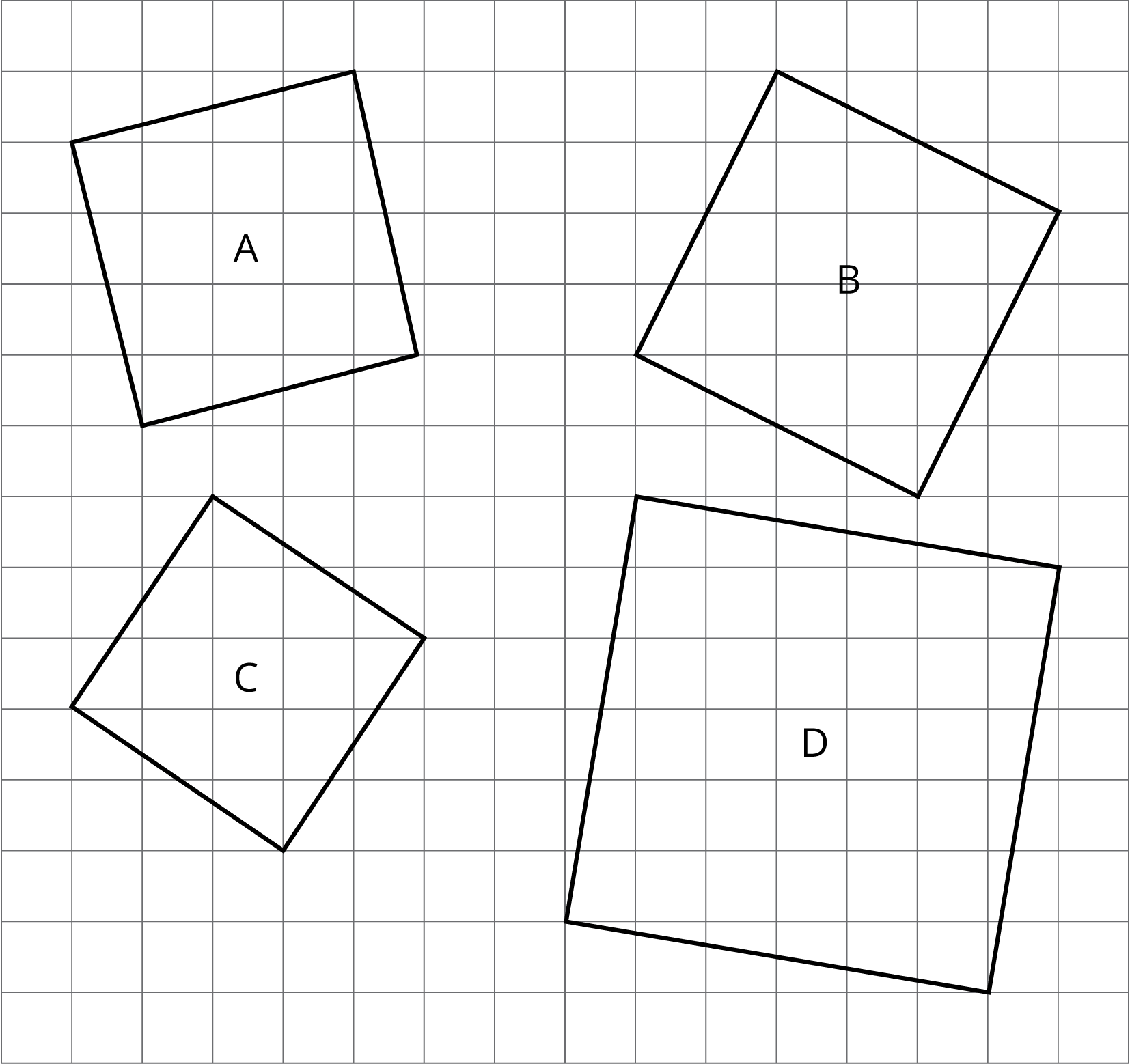
## Unit 8 Lesson 1 Cumulative Practice Problems

1. Find the area of each square. Each grid square represents 1 square unit.

* 

1. Find the length of a side of a square if its area is:
   1. 81 square inches
   2. cm2
   3. 0.49 square units
   4. square units
2. Find the area of a square if its side length is:
   1. 3 inches
   2. 7 units
   3. 100 cm
   4. 40 inches
   5. units
3. Evaluate . Choose the correct answer:

* (From Unit 7, Lesson 13.)

1. Noah reads the problem, “Evaluate each expression, giving the answer in scientific notation.” The first problem part is: .

* Noah says, “I can rewrite as . Now I can add the numbers: .”
* Do you agree with Noah’s solution to the problem? Explain your reasoning.
* (From Unit 7, Lesson 14.)

1. Select **all** the expressions that are equivalent to .

* (From Unit 7, Lesson 6.)



© CC BY Open Up Resources. Adaptations CC BY IM.