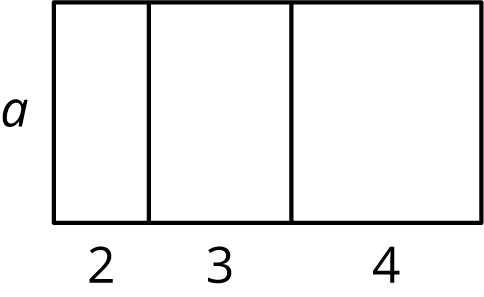
## Unit 6 Lesson 10 Cumulative Practice Problems

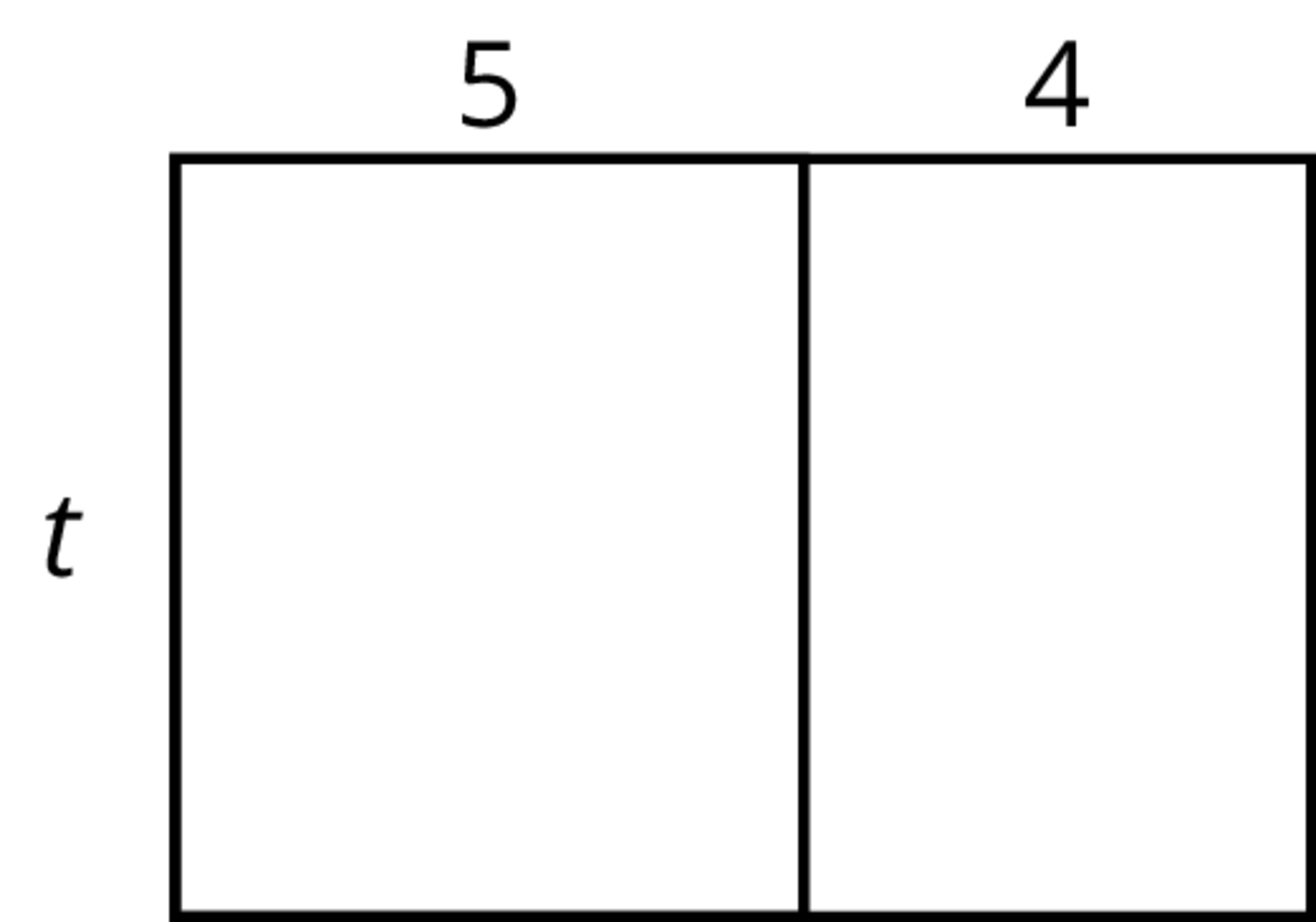
1. Here is a rectangle.

* 
  1. Explain why the area of the large rectangle is .
  2. Explain why the area of the large rectangle is .

1. Is the area of the shaded rectangle or ?

* Explain how you know.
* 

1. Choose the expressions that do *not* represent the total area of the rectangle. Select **all** that apply.

* 

1. Evaluate each expression mentally.

* (From Unit 6, Lesson 9.)

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

* (From Unit 6, Lesson 8.)

1. Solve each equation. Show your reasoning.

* (From Unit 6, Lesson 4.)

1. Andre ran laps of a track in 8 minutes at a constant speed. It took Andre minutes to run each lap. Select **all** the equations that represent this situation.

* (From Unit 6, Lesson 2.)



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