## Unit 8 Lesson 8: Finding Unknown Side Lengths

### 1 Which One Doesn’t Belong: Equations (Warm up)

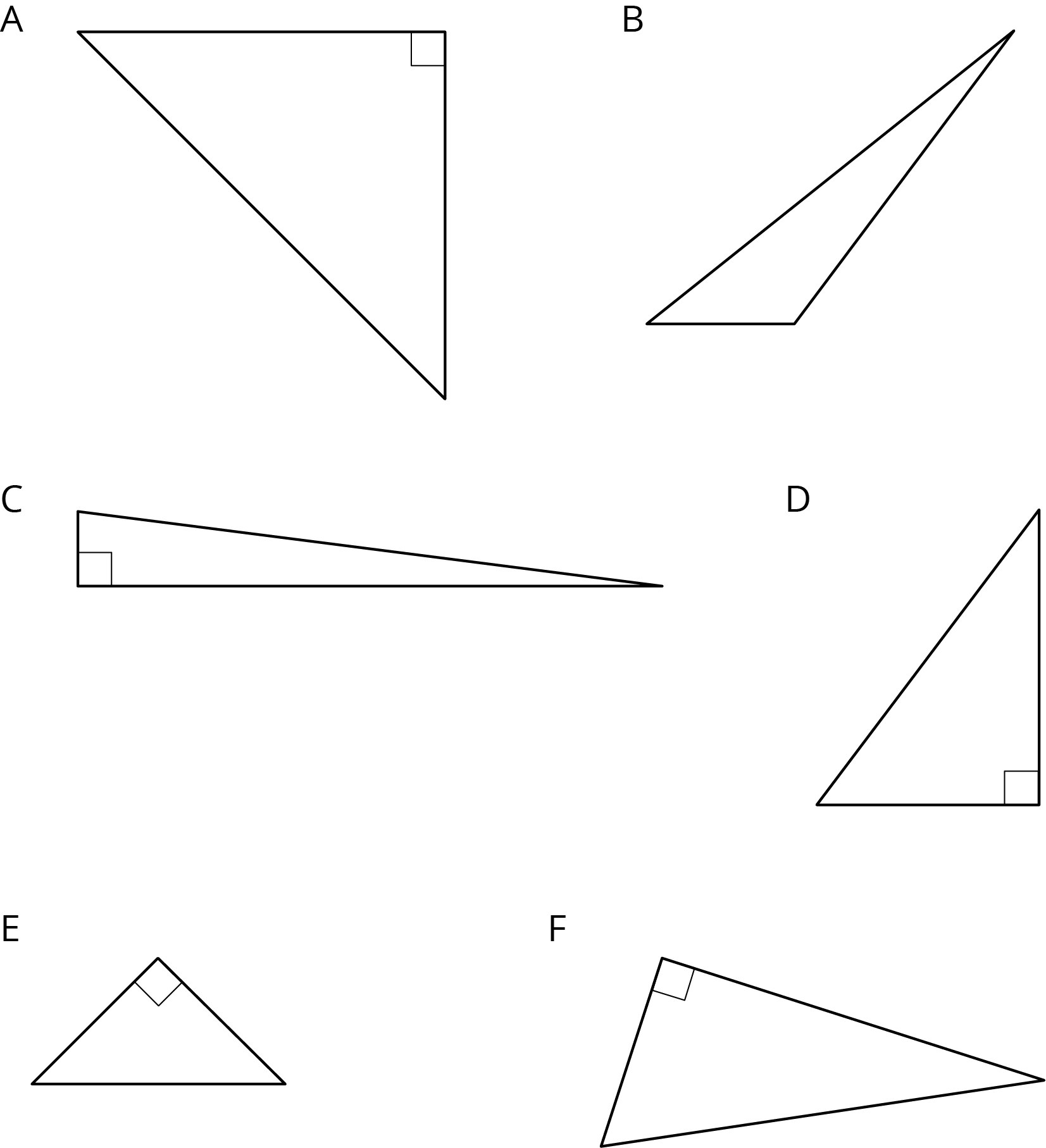
#### Student Task Statement

Which one doesn’t belong?

### 2 Which One Is the Hypotenuse?

#### Student Task Statement

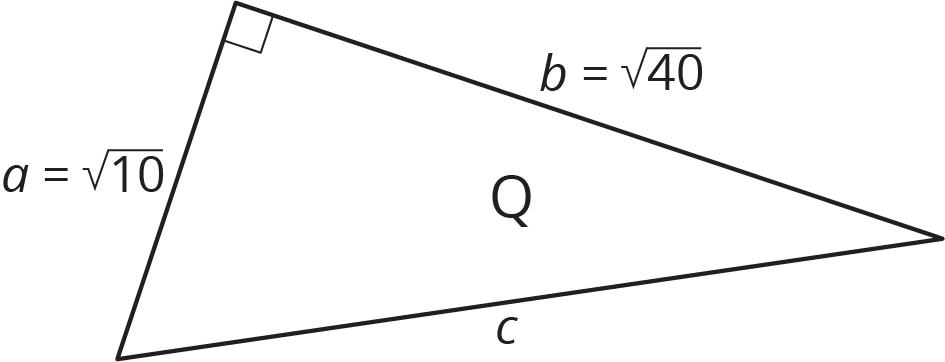
Label all the hypotenuses with .



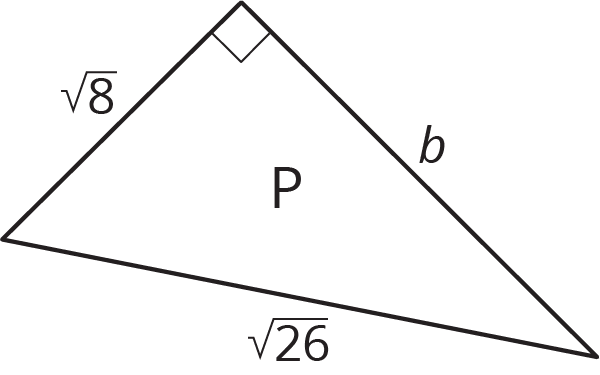
### 3 Find the Missing Side Lengths

#### Student Task Statement

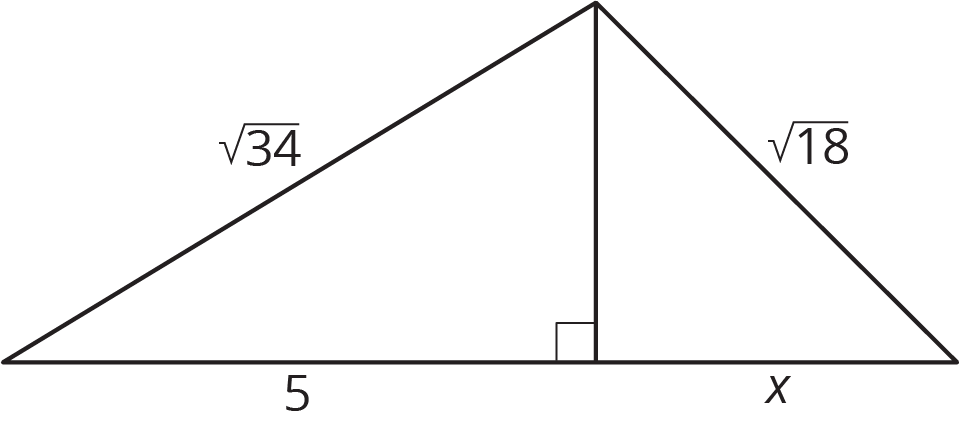
1. Find .

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1. Find .

* 

1. A right triangle has sides of length 2.4 cm and 6.5 cm. What is the length of the hypotenuse?
2. A right triangle has a side of length and a hypotenuse of length . What is the length of the other side?
3. Find the value of in the figure.

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