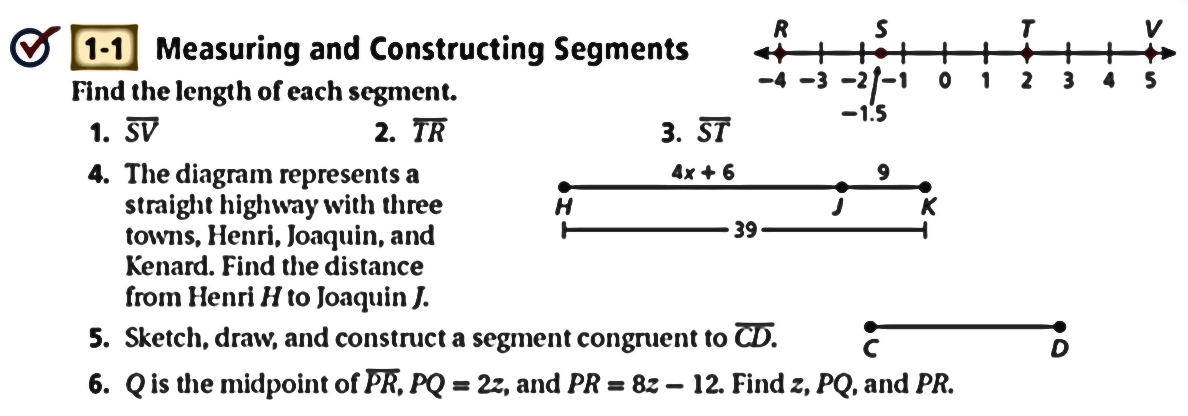
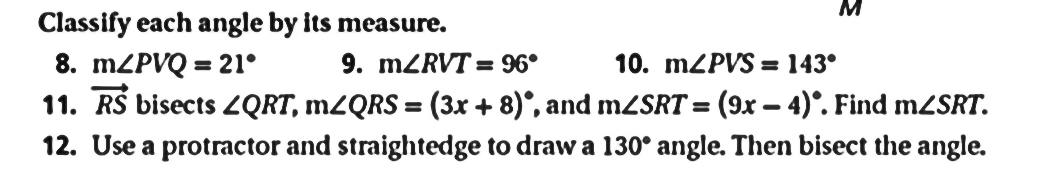
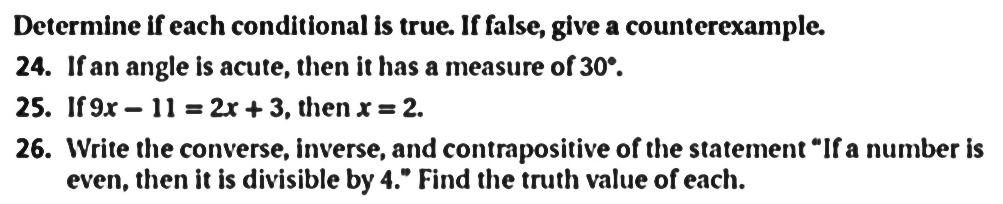
**SET A**



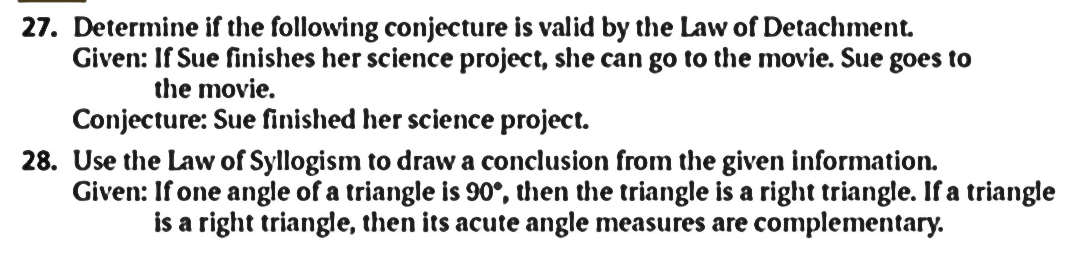
**SET B**

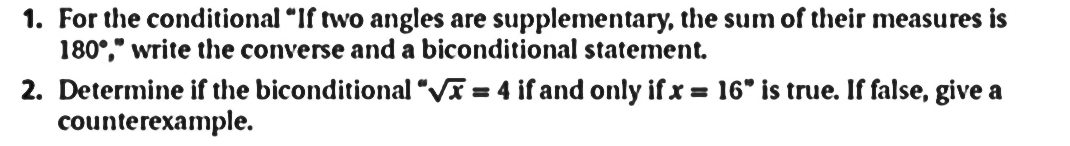


**SET C**

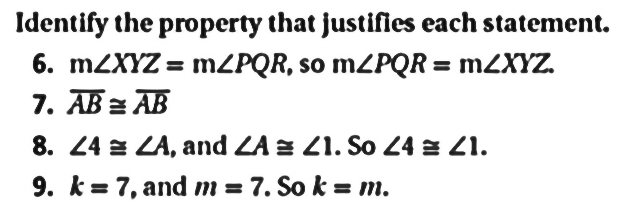


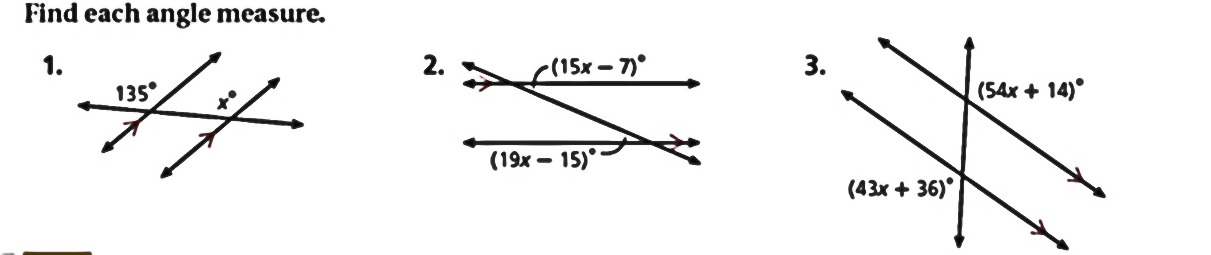
**SET D**



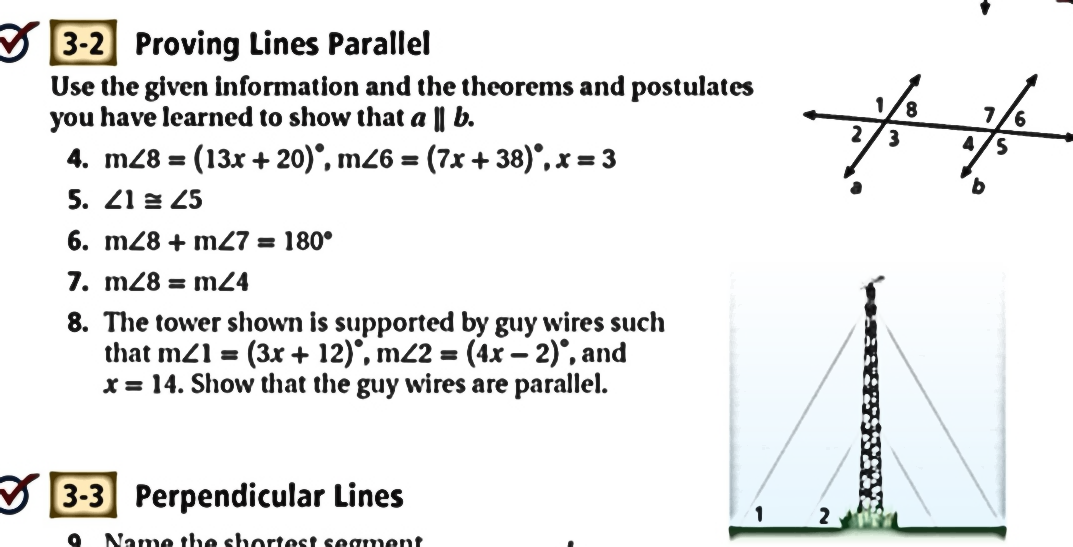


**SET E**

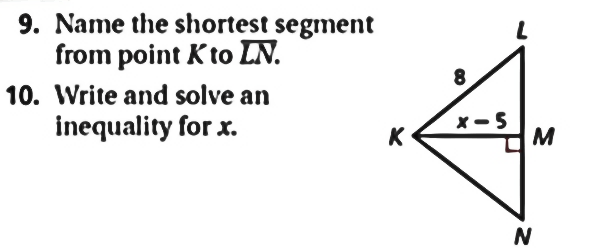




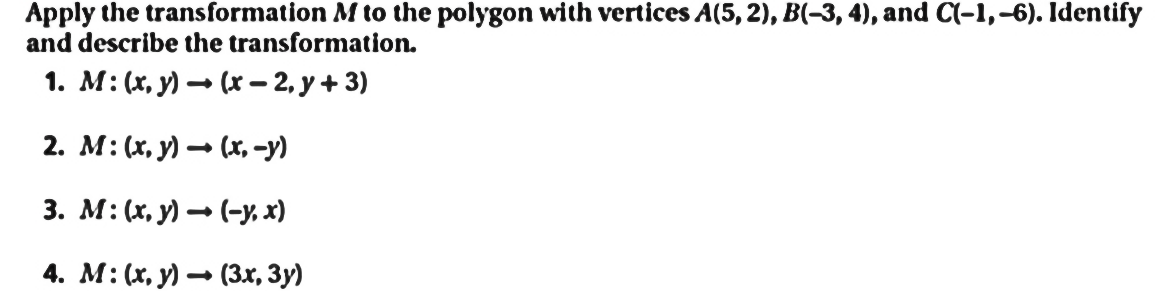
**SET F**



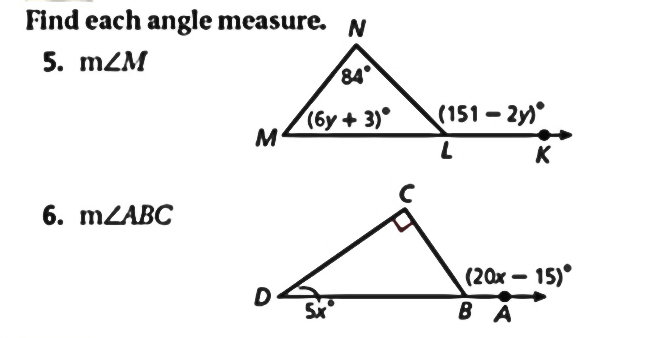
**SET G**



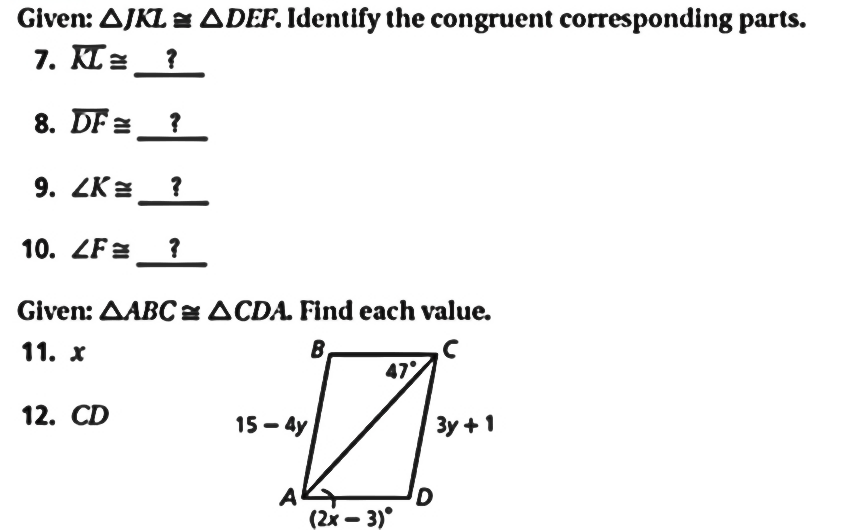
**SET H**



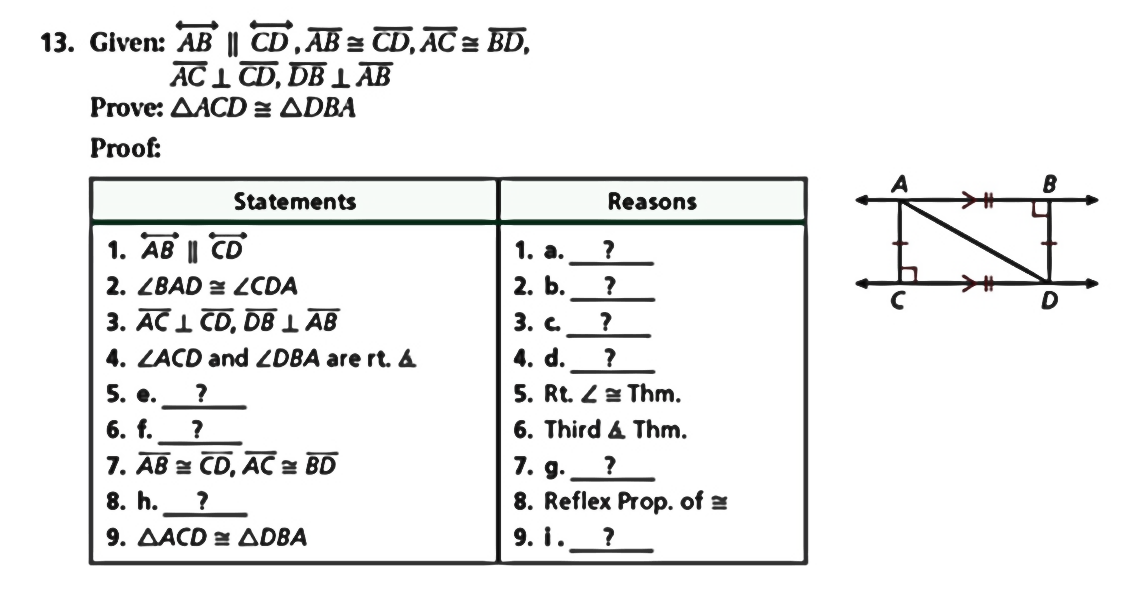
**SET I**



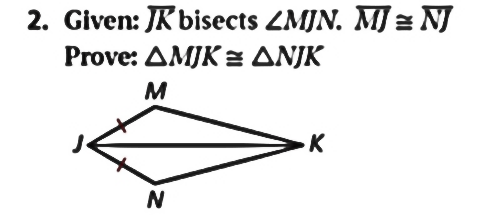
**SET J**



**SET K**

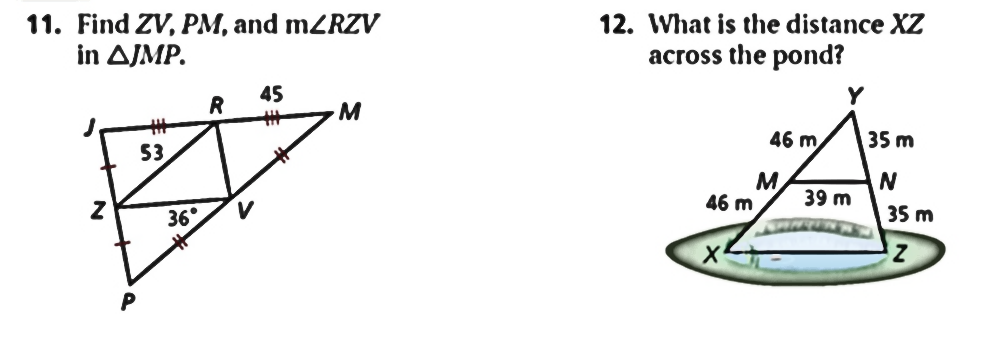
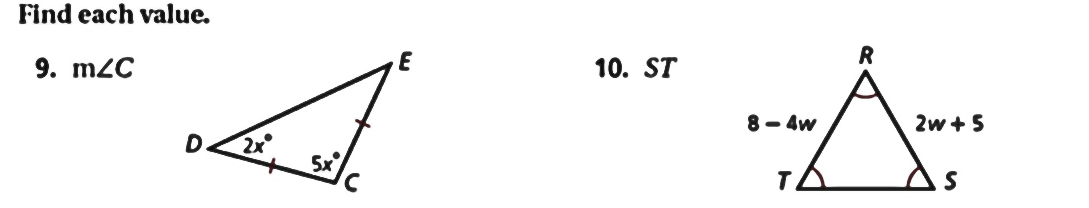


**SET L**

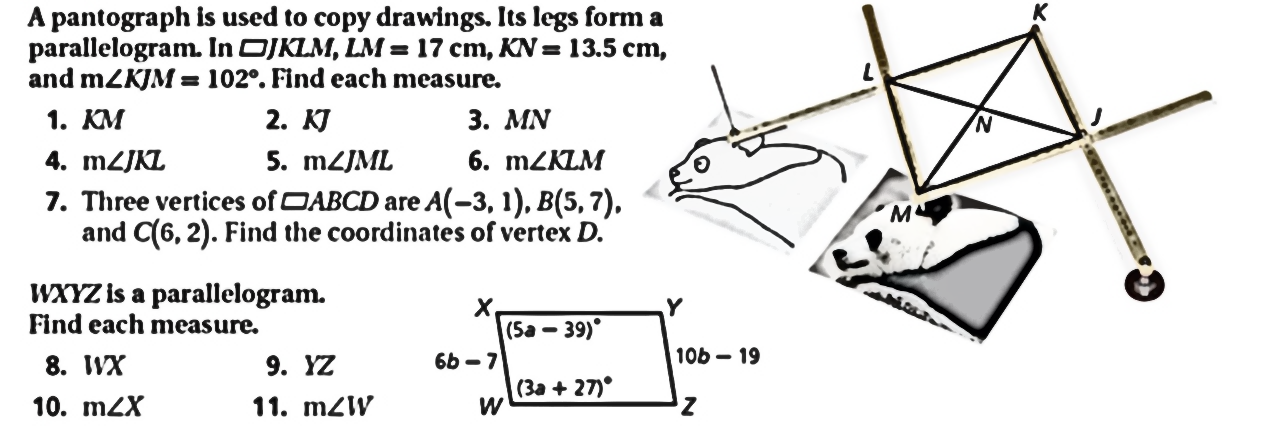




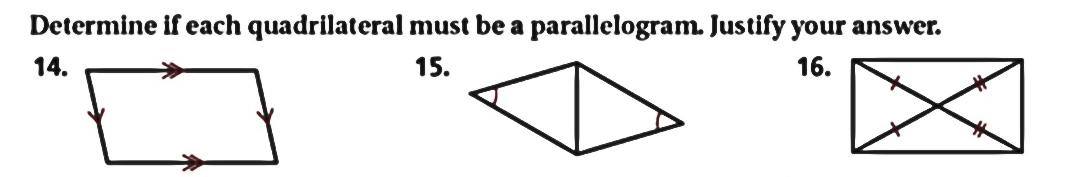
**SET M**



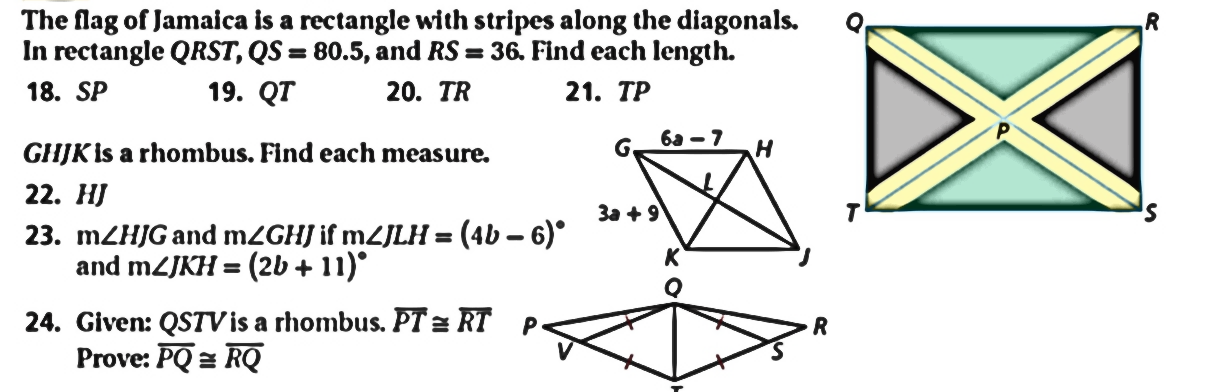
**SET N**

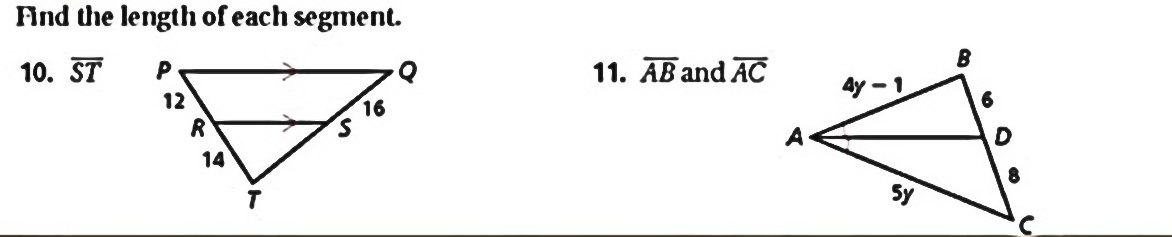


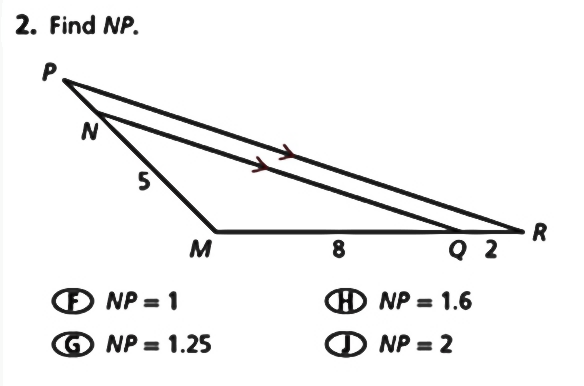
**SET O**

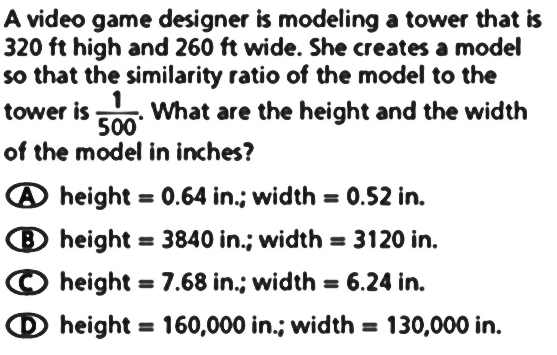


**SET P**

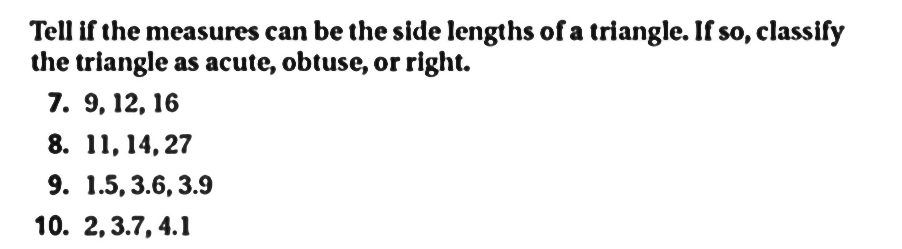


**SET Q** 

**SET R**

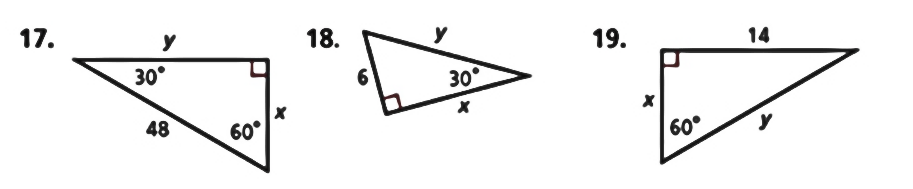


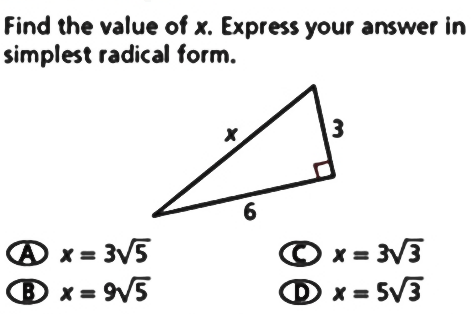
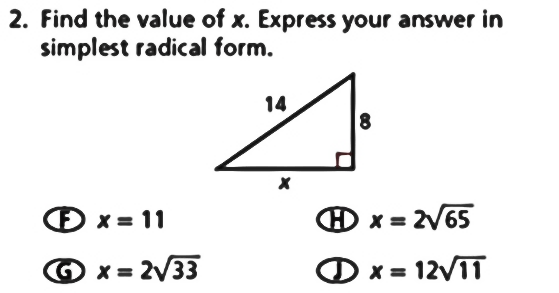
**SET S**



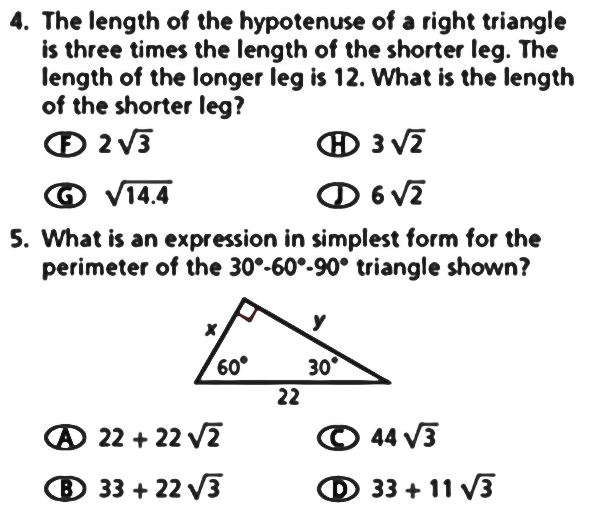
**SET T**

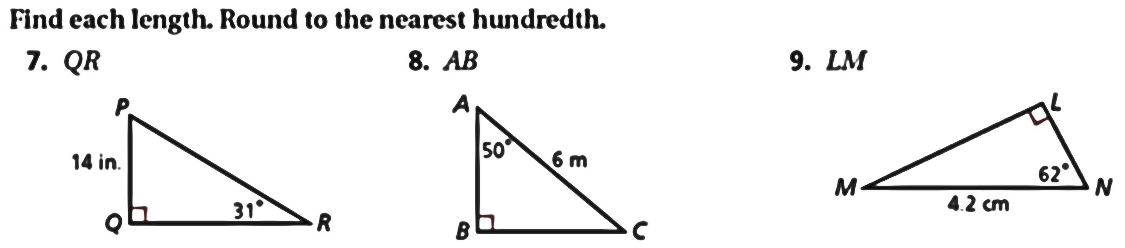




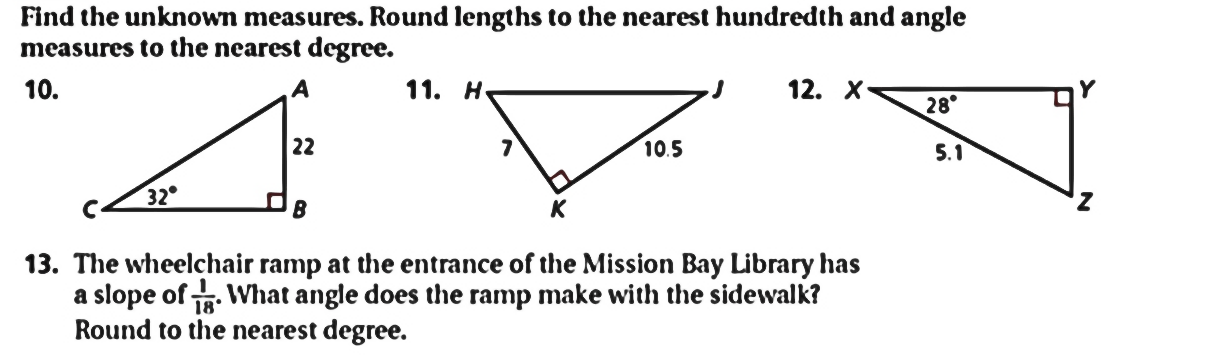


**SET U**

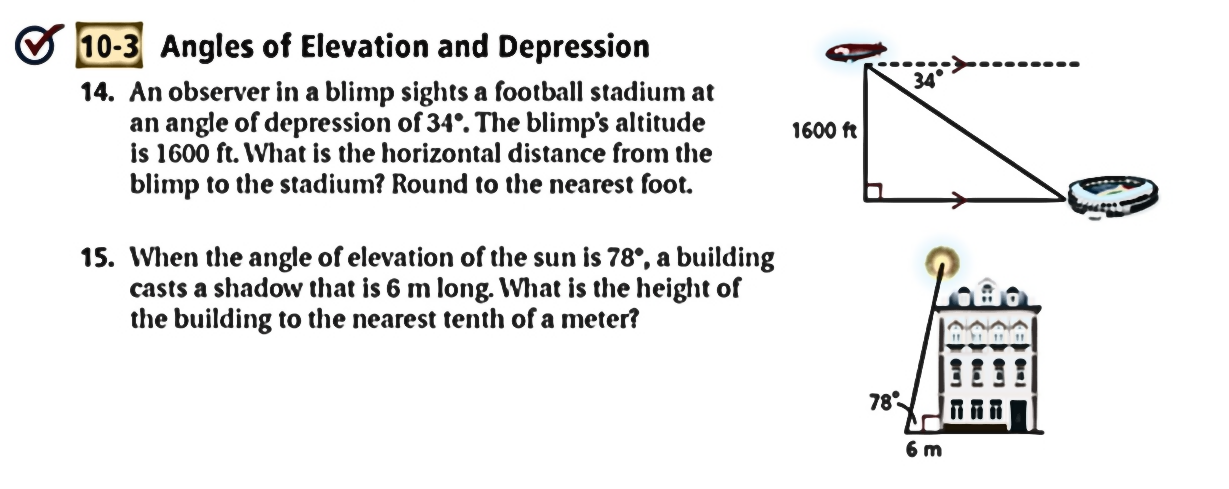




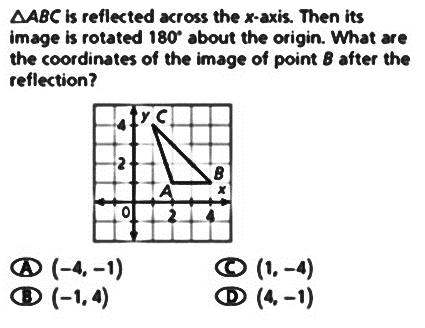
**SET V**

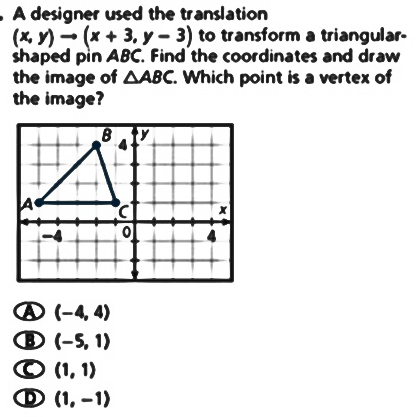


**SET W**

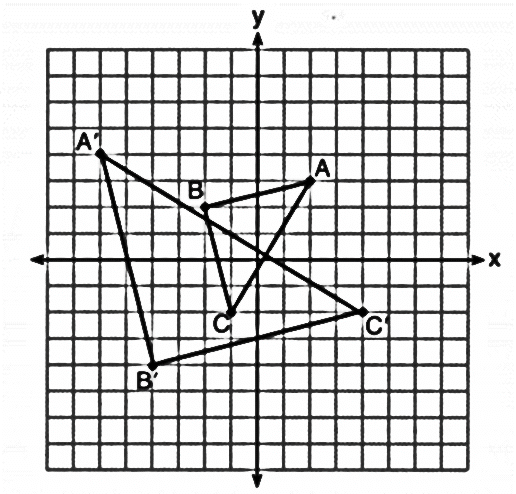


**SET X**





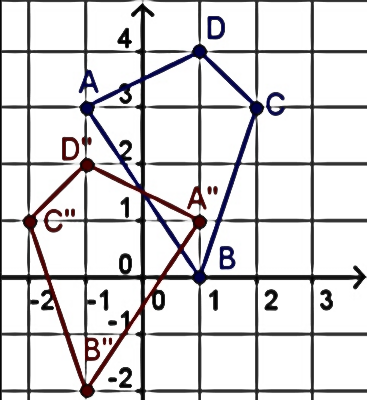
**Directions: Describe the sequence of transformations.**



**‘**

**‘**

**‘**

**3) 4) (x, y) → ‘’(y, x – 3) 6)**

**5) A(3, 2) A’(5, 2) → A’’(2, 5)**

**B(–2, –1) → B’(0, –1) → B’’( –1**, 0)

**SET Y**

**1) If A(3, –2) is reflected over the x-axis and then translated 3 units left, what is A’’?**

**2) If B(4, 5) and C(–2, –1) is transformed to B’(5, –4) and C’(–1, 2), what transformation has occurred?**

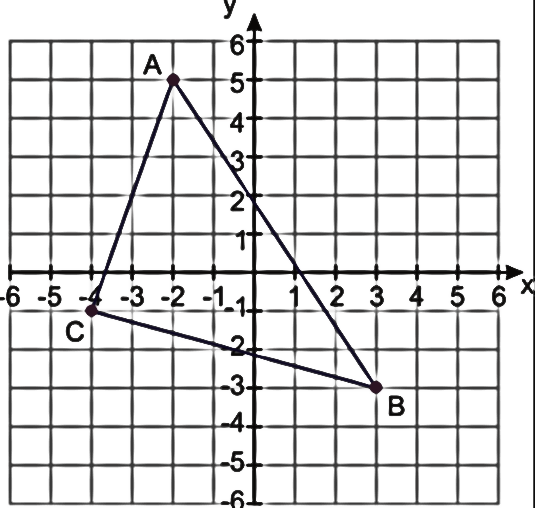
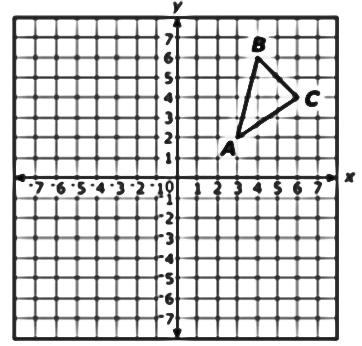
**3) If R’(–3, 1) has been translated using the rule (x, y) → ‘(x – 3, y + 2), what is the pre-image, R?**

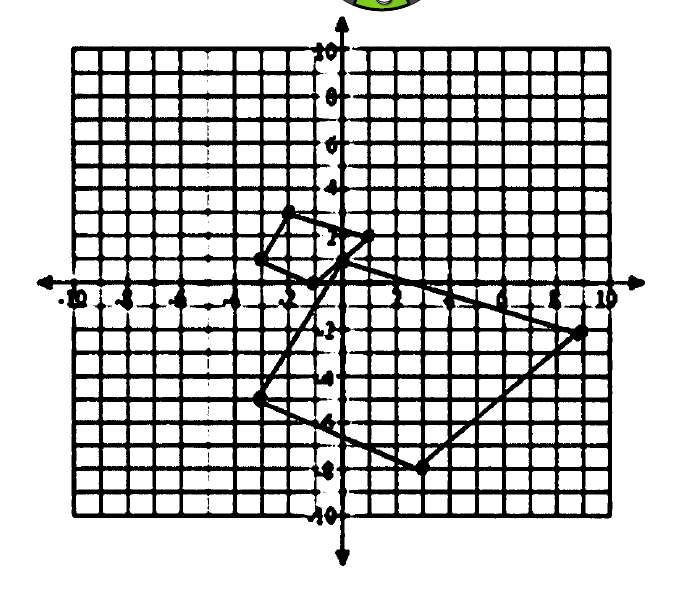
**4) If M(4, –2) and J(–3, 1) is horizontally shrunk by a scale factor of ½, what is J’?**

**5) What line has A(3, 5) reflected over if A’(3, –3)?**

**SET Z**

**1) What is A’ if A has been dilated by a scale factor 2) What is B’ if B has been rotated 90ᴼ CW about**

** of ½ about the center (–2, 1)? Point A?**

****

**3) In the figure to the right, what is the scale factor**

**of dilation in this graph?**

**4) In the figure to the right, what is the center of the dilation?**

**5) A segment has vertices at G (6, 7) and H (3, 2). Which transformation would produce an image with**

**vertices G’ (-6, -7) and H’(-3, -2)?**

**6) A triangle has vertices at A (-2, 2), B (-1, 2) and C (-1, 4). Which transformation would produce an image with**

**vertices A’(-6, 2), B’(-3, 2) and C’(-3, 4)?**