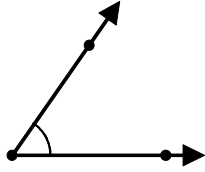


## Chapter Five Practice Test Two

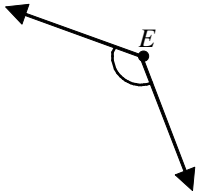
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Measure each angle to the nearest degree.

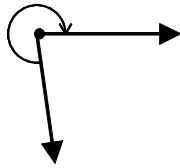
1.



2.



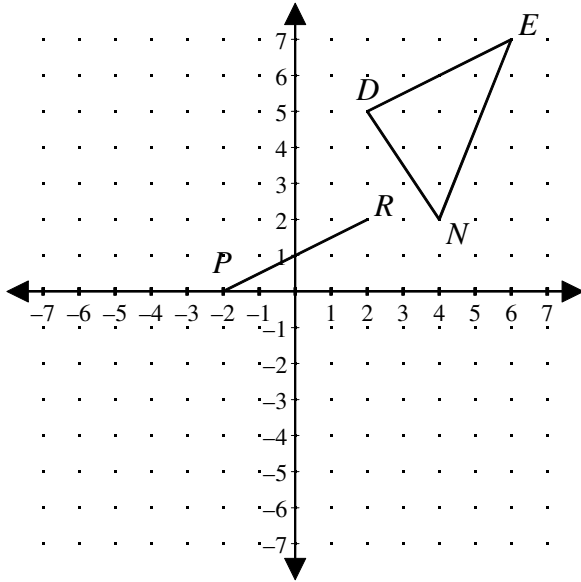
3.



## Chapter Five Practice Test Two

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4. Draw a triangle congruent to triangle  $DEN$ . Line segment  $PR$  is one of the sides of the new triangle. Label the third vertex of the triangle with the letter  $A$ .



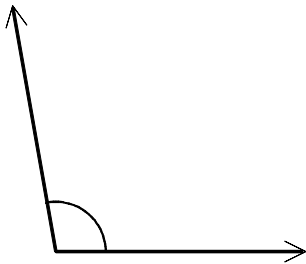
Write an ordered number pair for each vertex of the new triangle.

$P$ : (\_\_\_\_, \_\_\_\_)

$A$ : (\_\_\_\_, \_\_\_\_)

$R$ : (\_\_\_\_, \_\_\_\_)

5. Copy the angle below using only a compass, straightedge, and pencil.

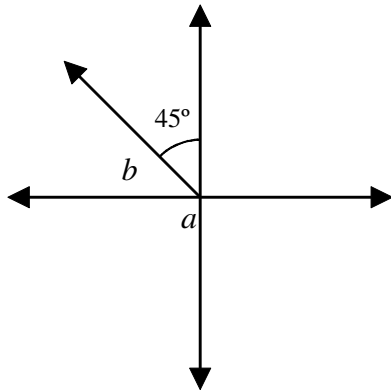


## Chapter Five Practice Test Two

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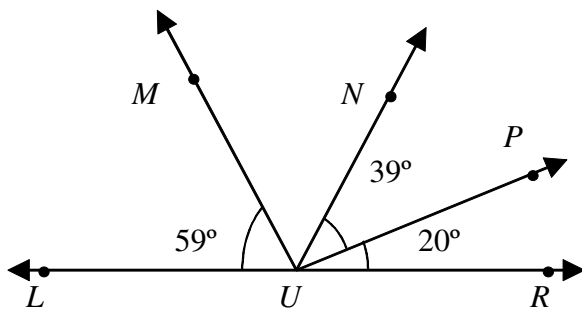
Find the measure of each of the following angles without using a protractor.

6.  $\angle a$  is a right angle.



$m\angle a = \underline{\hspace{2cm}}$     $m\angle b = \underline{\hspace{2cm}}$

7.  $\angle LUR$  is a straight angle.

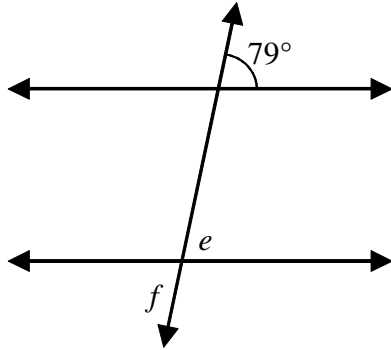


$m\angle MUN = \underline{\hspace{2cm}}$

## Chapter Five Practice Test Two

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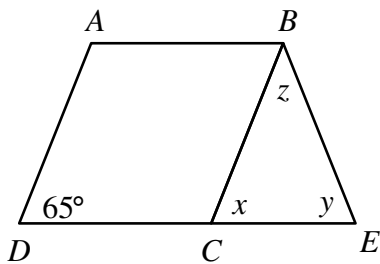
8. The two horizontal lines are parallel.



Find  $m \angle e$  and  $m \angle f$ .

$m \angle e = \underline{\hspace{2cm}}$      $m \angle f = \underline{\hspace{2cm}}$

9. Quadrilateral  $ABCD$  is a parallelogram. Angles  $x$  and  $y$  have the same degree measure. What is the measure of  $\angle ABE$ ?

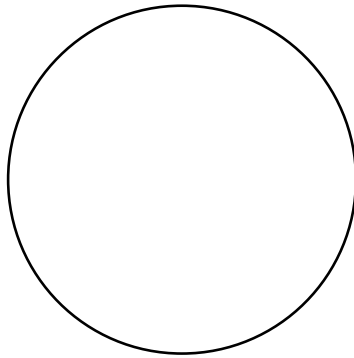


## Chapter Five Practice Test Two

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10. According to a recent survey, 20% of people between the ages of 30 and 40 have tried in-line skating. Complete the table below. Then use a protractor to make a circle graph to display the information in the table. Write a title for the graph.

	<b>Percent of 30 - to 40 - Year - Olds</b>	<b>Degree Measure of Sector</b>
<b>Have tried it</b>	20%	
<b>Have not tried it</b>		



11. Estimate the difference. Then solve. Write the answer in simplest form.

$$3\frac{1}{3} - 2\frac{1}{3}$$

12. Estimate the sum. Then solve. Write the answer in simplest form.

$$1\frac{1}{2} + 2\frac{3}{4}$$

13. Estimate the product. Then solve. Write the answer in simplest form.

$$1\frac{1}{2} * 6\frac{3}{7}$$

14. Find the sum.

$$-10 + (6 + 6)$$

## Chapter Five Practice Test Two

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15. Divide to rename  $\frac{4}{5}$  as a decimal rounded to the nearest hundredth.

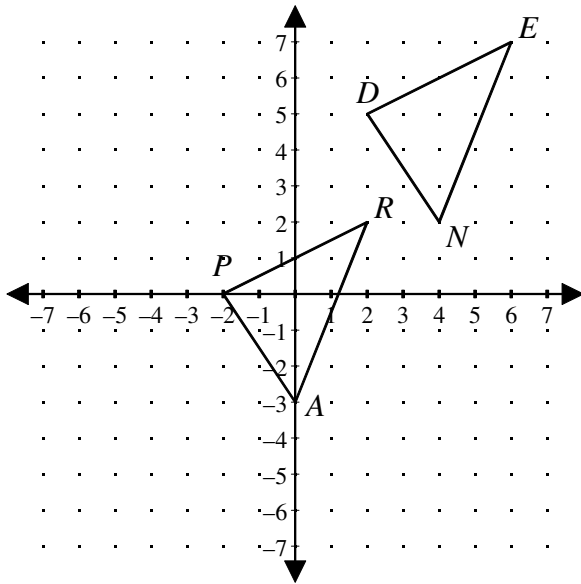
## Chapter Five Practice Test Two

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[1]  $m \angle Q = 55^\circ$   
\_\_\_\_\_

[2]  $m \angle E = 131^\circ$   
\_\_\_\_\_

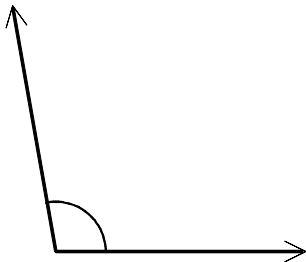
[3]  $m \angle L = 278^\circ$   
\_\_\_\_\_



$P: (-2, 0)$

$A: (0, -3)$

[4]  $R: (2, 2)$   
\_\_\_\_\_



[5] \_\_\_\_\_

## Chapter Five Practice Test Two

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[6]  $m \angle a = 90^\circ$ ;  $m \angle b = 45^\circ$   
\_\_\_\_\_

[7]  $m \angle MUN = 62^\circ$   
\_\_\_\_\_

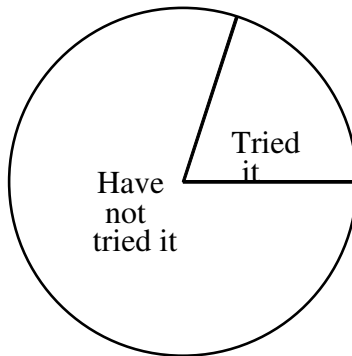
[8]  $m \angle e = 79^\circ$ ;  $m \angle f = 79^\circ$   
\_\_\_\_\_

[9]  $115^\circ$   
\_\_\_\_\_

	Percent of 30 - to 40 - Year - Olds	Degree Measure of Sector
<b>Have tried it</b>	20%	$72^\circ$
<b>Have not tried it</b>	80%	$288^\circ$

Sample answer:

In-line skating



[10] \_\_\_\_\_

[11]  $1$  Estimates will vary.  
\_\_\_\_\_

[12]  $4\frac{1}{4}$  Estimates will vary.  
\_\_\_\_\_

## Chapter Five Practice Test Two

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$$9\frac{9}{14}$$

[13] Estimates will vary.

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[14] 2

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[15] 0.80

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