



# ***New York State Testing Program***

## **Mathematics Test**

Grade **5**

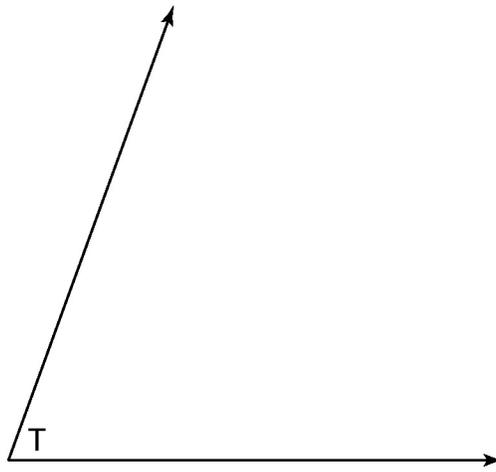
**2009 Scoring Guide**

29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



**Part A**

What is the measure of  $\angle T$ ?

**Answer** \_\_\_\_\_ degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .

**QUESTION 29**

**STRAND 4: MEASUREMENT**

*Complete and Correct Response:*

*Part A*

- 70 (degrees)

**OR**

A measure within a range of + or –5 degrees of  $70^\circ$

*Part B*

- An angle that is twice the measure of the answer in Part A

**OR**

An angle that measures within a range of + or –5 degrees of twice the measure given in Part A

[Note: Student does not have to draw arrows on the angle.]

*Score Points:*

Apply 2-point holistic rubric.

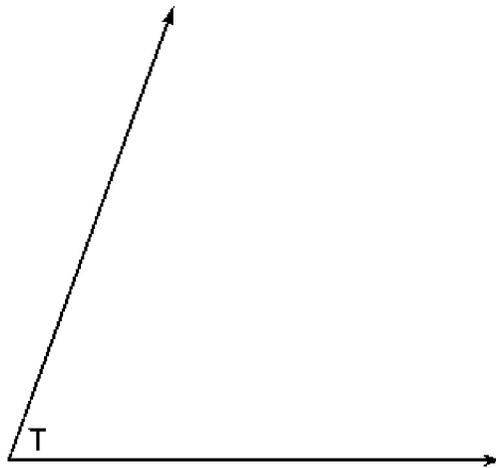
**NOTE:** For Scoring instructions for the Braille version of this question, see *Scoring the Braille Edition*.

29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



**Part A**

What is the measure of  $\angle T$ ?

Answer 70 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .  $70 \times 2 = 140$



This response is complete and correct.

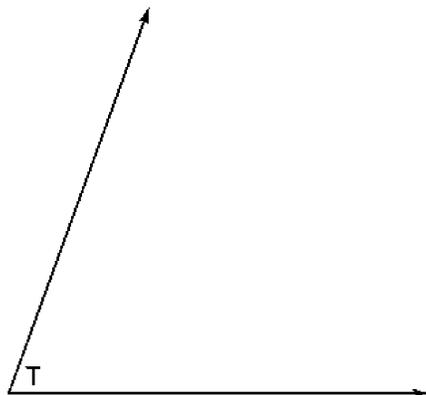
Score Point 2

29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



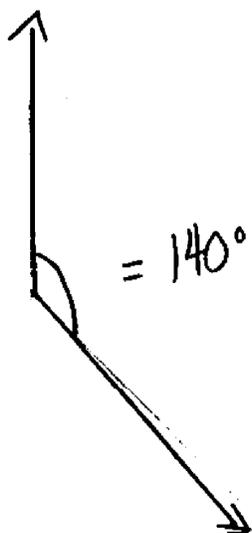
**Part A**

What is the measure of  $\angle T$ ?

Answer 70 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .



$$\begin{array}{r} 70^\circ \\ + 70^\circ \\ \hline 140^\circ \end{array}$$

This response is complete and correct. The angle drawn in Part B is not twice the measure of the answer in Part A but is within the acceptable range of plus or minus 5 degrees.

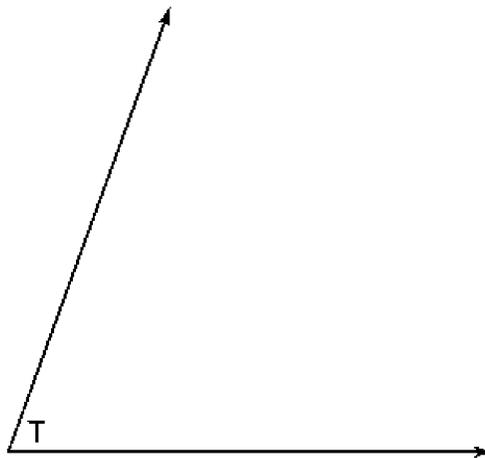
Score Point 2

29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



**Part A**

What is the measure of  $\angle T$ ?

Answer 75 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .



This response is complete and correct. Both responses in Part A and Part B are within the acceptable range of plus or minus 5 degrees.

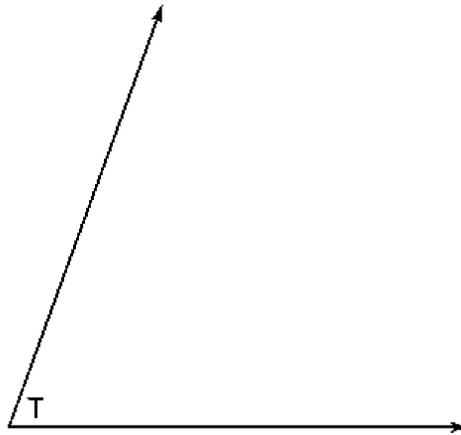
Score Point 2

29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



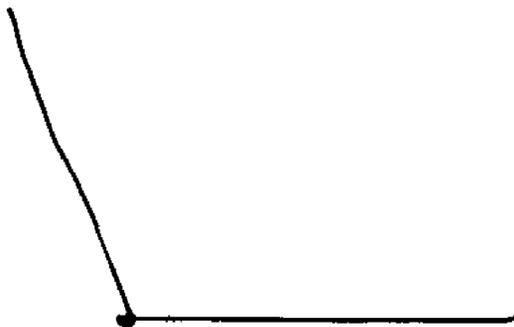
**Part A**

What is the measure of  $\angle T$ ?

Answer 70° degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .



This response is only partially correct. Part A is correct; however, the angle drawn in Part B is not twice the measure given in Part A nor is it within the acceptable range of plus or minus 5 degrees.

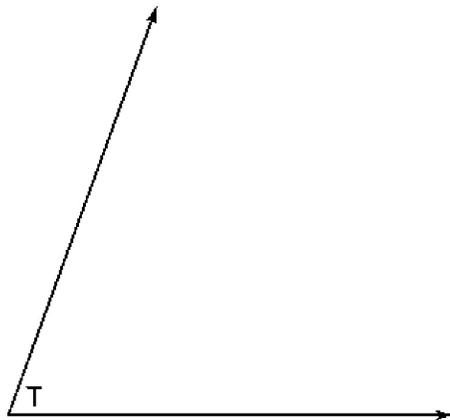
Score Point 1

29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



**Part A**

What is the measure of  $\angle T$ ?

Answer 80 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .



This response is only partially correct. The answer in Part A is not correct. The angle drawn in Part B is not twice the measure of the answer in Part A but is within the acceptable range of plus or minus 5 degrees.

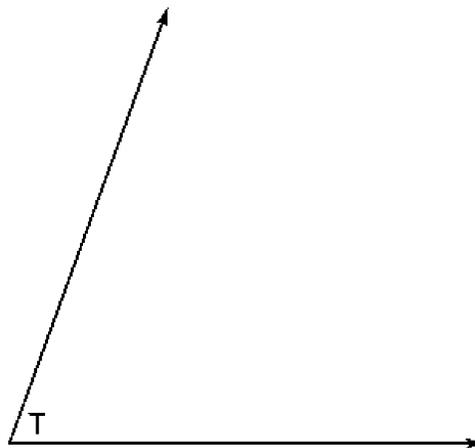
Score Point 1

29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



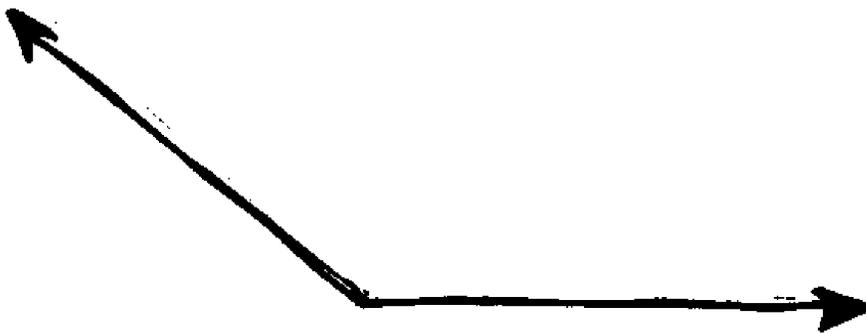
**Part A**

What is the measure of  $\angle T$ ?

Answer 110 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .



This response is partially correct. The answer in Part A is not correct. The angle drawn in Part B is not twice the measure of the correct response for Part A but is within the acceptable range of plus or minus 5 degrees.

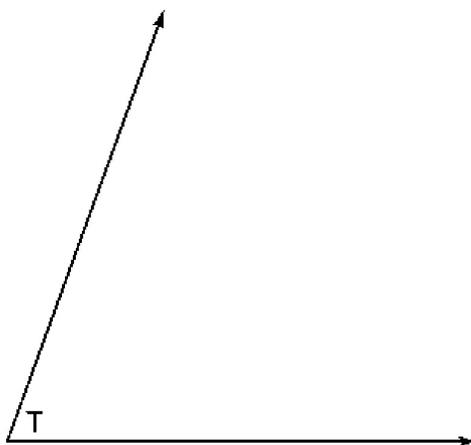
Score Point 1

29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



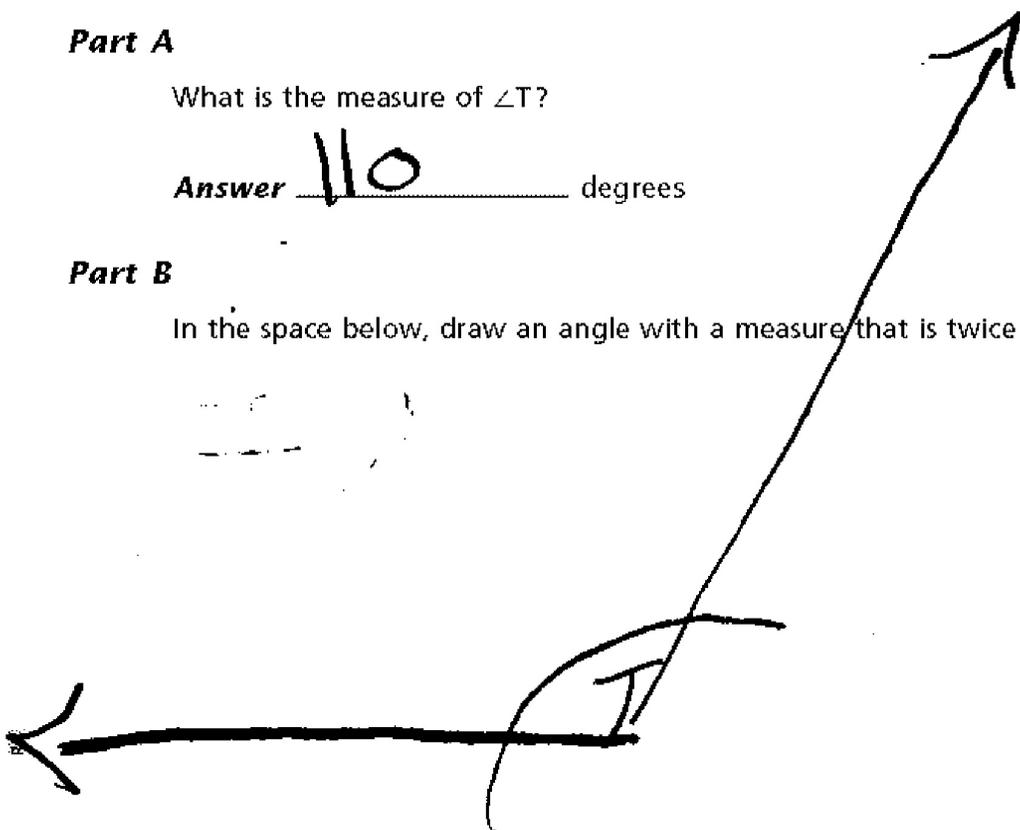
**Part A**

What is the measure of  $\angle T$ ?

Answer 110 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .



This response is incorrect.

Score Point 0



# ***New York State Testing Program***

## **Mathematics Test**

Grade **5**

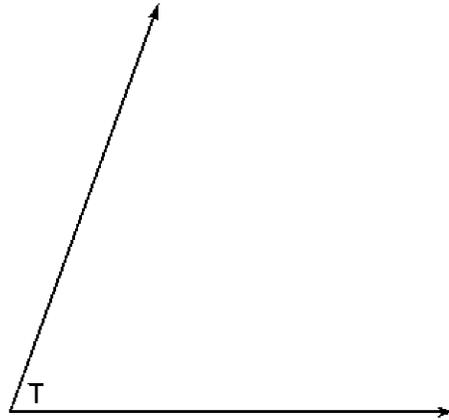
**2009 Practice Set**

29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



**Part A**

What is the measure of  $\angle T$ ?

Answer 7 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .

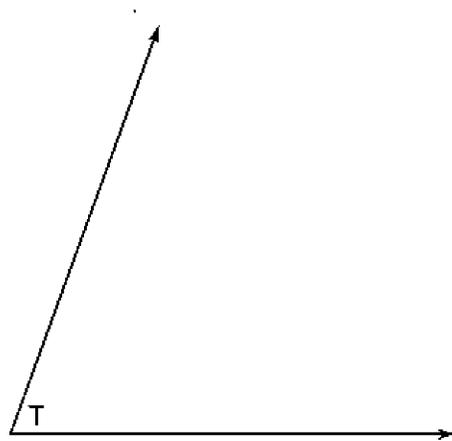


29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



**Part A**

What is the measure of  $\angle T$ ?

Answer 70 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .



60 x = 70

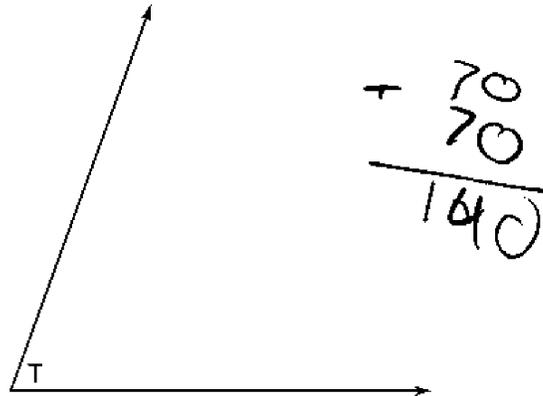
$$\begin{array}{r} 70 \\ + 70 \\ \hline 140 \end{array}$$
$$\begin{array}{r} 70 \\ \times 2 \\ \hline 140 \end{array}$$

29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



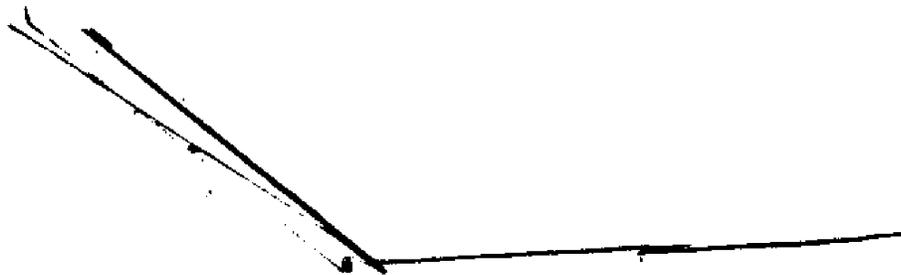
**Part A**

What is the measure of  $\angle T$ ?

Answer 7 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .

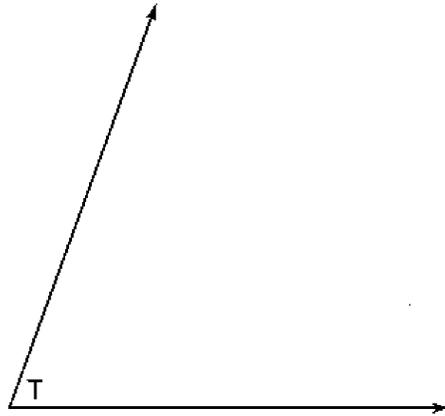


29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



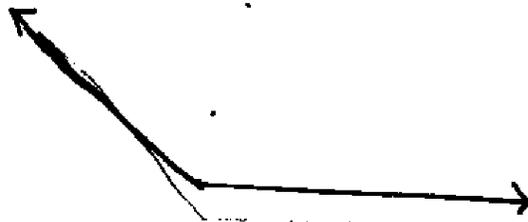
**Part A**

What is the measure of  $\angle T$ ?

Answer 72 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .

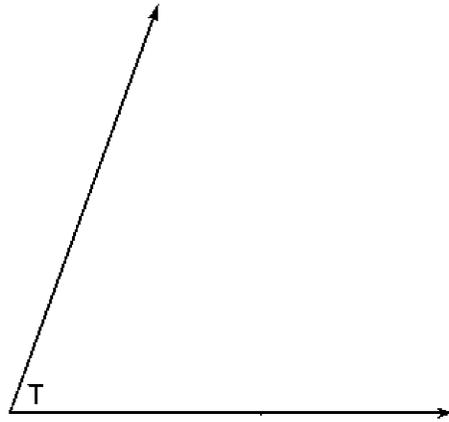


29



Use your protractor to help you solve this problem.

Ella drew  $\angle T$ , as shown below.



**Part A**

What is the measure of  $\angle T$ ?

Answer 73 degrees

**Part B**

In the space below, draw an angle with a measure that is twice the size of  $\angle T$ .



# 5<sup>th</sup> GRADE MATHEMATICS

Name: \_\_\_\_\_

## PRACTICE SET ANSWER KEY

PS 1	(0-2)	
PS 2	(0-2)	
PS 3	(0-2)	
PS 4	(0-2)	
PS 5	(0-2)	
PS 6	(0-2)	
PS 7	(0-2)	
PS 8	(0-2)	
PS 9	(0-2)	
PS 10	(0-2)	
PS 11	(0-2)	
PS 12	(0-2)	
PS 13	(0-2)	
PS 14	(0-2)	
PS 15	(0-2)	
PS 16	(0-2)	
PS 17	(0-2)	
PS 18	(0-2)	
PS 19	(0-2)	
PS 20	(0-2)	

PS 21	(0-3)	
PS 22	(0-3)	
PS 23	(0-3)	
PS 24	(0-3)	
PS 25	(0-3)	
PS 26	(0-3)	
PS 27	(0-3)	
PS 28	(0-3)	
PS 29	(0-3)	
PS 30	(0-3)	
PS 31	(0-3)	
PS 32	(0-3)	
PS 33	(0-3)	
PS 34	(0-3)	
PS 35	(0-3)	
PS 36	(0-3)	
PS 37	(0-3)	
PS 38	(0-3)	
PS 39	(0-3)	
PS 40	(0-3)	