



---

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

---

## **Mathematics Test**

Grade **3**

**2009 Scoring Guide**

**29**

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

**HATS IN LOST AND FOUND BOX**

<b>KEY</b>
 = 5 hats

Month	Number of Hats
January	
February	
March	

How many **more** hats are in the Lost and Found box in February than in January?

**Show your work.**

**Answer** \_\_\_\_\_ hats

**QUESTION 29**

**STRAND 5: STATISTICS AND PROBABILITY**

*Complete and Correct Response:*

- $25 - 15 = 10$   
OR other valid process

**AND**

- 10 (hats)

*Score Points:*

Apply 2-point holistic rubric.

29

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

**HATS IN LOST AND FOUND BOX**

KEY
 = 5 hats

Month	Number of Hats	
January		15
February		25
March		5

How many more hats are in the Lost and Found box in February than in January?

*Show your work.*

$$\begin{array}{r}
 15 \\
 + 10 \\
 \hline
 25
 \end{array}$$

Answer 10 hats

This response is complete and correct.

Score Point 2

29

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

**HATS IN LOST AND FOUND BOX**

<b>KEY</b>
 = 5 hats

Month	Number of Hats
January	
February	
March	

How many more hats are in the Lost and Found box in February than in January?

*Show your work.*

J 5 55 10  
 F 5 55 55

Answer 10 hats

This response is complete and correct.

Score Point 2

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

### HATS IN LOST AND FOUND BOX

KEY
 = 5 hats

Month	Number of Hats
January	  
February	    
March	

How many more hats are in the Lost and Found box in February than in January?

*Show your work.*

January There  
are 3 hats  
in February  
there are 5

Answer 10 hats

This response is only partially correct. The answer is correct; however, an inappropriate value is shown for both the January and February hats.

Score Point 1

29

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

**HATS IN LOST AND FOUND BOX**

<b>KEY</b>
 = 5 hats

Month	Number of Hats
January	 15
February	 25
March	 5

How many **more** hats are in the Lost and Found box in February than in January?

*Show your work.*

Answer 5 hats

This response is only partially correct. The correct number of hats is provided within the pictograph; however, there is no work shown and an incorrect answer is provided.

**Score Point 1**

29

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

**HATS IN LOST AND FOUND BOX**

<b>KEY</b>
 = 5 hats

Month	Number of Hats
January	
February	
March	

How many more hats are in the Lost and Found box in February than in January?

*Show your work.*

$$\begin{array}{r} 5 \\ + 10 \\ \hline 15 \end{array}$$

Answer 15 hats

This response is incorrect. An incorrect answer is arrived at using an obviously incorrect procedure. Although an inverse procedure using multiples of 5 is used, either the value for the January hats or February hats must be correct in order to demonstrate a partial understanding of the task.

**Score Point 0**



---

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

---

## **Mathematics Test**

Grade **3**

**2009 Practice Set**

29

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

**HATS IN LOST AND FOUND BOX**

<b>KEY</b>
 = 5 hats

Month	Number of Hats
January	
February	
March	

How many more hats are in the Lost and Found box in February than in January?

Show your work.

$$5 + 5 = 10 + 5 = 15 + 5 = 25$$

Answer 25 hats

29

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

**HATS IN LOST AND FOUND BOX**

KEY
 = 5 hats

Month	Number of Hats
January	
February	
March	

How many more hats are in the Lost and Found box in February than in January?

Show your work.

$$\begin{array}{r}
 25 \\
 - 15 \\
 \hline
 10 \\
 + 15 \\
 \hline
 25
 \end{array}$$

Answer 10 hats

29

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

**HATS IN LOST AND FOUND BOX**

KEY	
	= 5 hats

Month	Number of Hats
January	 15
February	 25
March	 5

How many more hats are in the Lost and Found box in February than in January?

Show your work.

$$\begin{array}{r}
 25 \\
 + 15 \\
 \hline
 40 \\
 + 5 \\
 \hline
 45
 \end{array}$$

Answer 45 hats

29

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

**HATS IN LOST AND FOUND BOX**

Month	Number of Hats
January	
February	
March	

  

KEY
 = 5 hats

How many more hats are in the Lost and Found box in February than in January?

Show your work.

January 000      5 + 5 = 10  
February 000 55

Answer 10 hats

29

At Dalton's school, there is a Lost and Found box. The pictograph below shows the number of hats in the Lost and Found box during three months.

**HATS IN LOST AND FOUND BOX**

<b>KEY</b>
 = 5 hats

Month	Number of Hats
January	
February	
March	

How many more hats are in the Lost and Found box in February than in January?

Show your work.

January = 15  
February = 25

Answer 10 hats

# 3<sup>rd</sup> GRADE MATHEMATICS

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

## PRACTICE SET ANSWER KEY

<b>PS 1</b>	(0-2)	
<b>PS 2</b>	(0-2)	
<b>PS 3</b>	(0-2)	
<b>PS 4</b>	(0-2)	
<b>PS 5</b>	(0-2)	
<b>PS 6</b>	(0-2)	
<b>PS 7</b>	(0-2)	
<b>PS 8</b>	(0-2)	
<b>PS 9</b>	(0-2)	
<b>PS 10</b>	(0-2)	
<b>PS 11</b>	(0-2)	
<b>PS 12</b>	(0-2)	
<b>PS 13</b>	(0-2)	
<b>PS 14</b>	(0-2)	
<b>PS 15</b>	(0-2)	

<b>PS 16</b>	(0-2)	
<b>PS 17</b>	(0-2)	
<b>PS 18</b>	(0-2)	
<b>PS 19</b>	(0-2)	
<b>PS 20</b>	(0-2)	
<b>PS 21</b>	(0-3)	
<b>PS 22</b>	(0-3)	
<b>PS 23</b>	(0-3)	
<b>PS 24</b>	(0-3)	
<b>PS 25</b>	(0-3)	
<b>PS 26</b>	(0-3)	
<b>PS 27</b>	(0-3)	
<b>PS 28</b>	(0-3)	
<b>PS 29</b>	(0-3)	
<b>PS 30</b>	(0-3)	