



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

## **Mathematics Test**

Grade **4**

**2009 Scoring Guide Part 1**

**35**

Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

***Show your work.***

***Answer*** \_\_\_\_\_ points

**QUESTION 35**

**STRAND 1: NUMBER SENSE AND OPERATIONS**

*Complete and Correct Response:*

- $795 + 1,253 = 2,048$   
 $2,830 - 2,048 = 782$   
OR other valid process

**AND**

- 782 (points)

*Score Points:*

Apply 2-point holistic rubric.

35

Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

Show your work.

$$\begin{array}{r}
 \phantom{0}11 \\
 1,253 \quad \text{Step:1} \\
 + 795 \\
 \hline
 2,048
 \end{array}$$

$$\begin{array}{r}
 \phantom{0}712 \\
 \phantom{0}10 \\
 2,048 \quad \text{Step:2} \\
 - 2,048 \\
 \hline
 782 \quad \text{points}
 \end{array}$$

Answer 782 points

$$\begin{array}{r}
 \phantom{0}11 \\
 2,048 \\
 + 782 \\
 \hline
 2,830 \quad \text{Check: } \checkmark
 \end{array}$$

This response is complete and correct.

Score Point 2

35

Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

Show your work.

$$\begin{array}{r} 2,830 \\ - 2,048 \\ \hline 782 \end{array}$$

$$\begin{array}{r} 1,253 \\ + 795 \\ \hline 2,048 \end{array}$$

$$\begin{array}{r} 1,253 \\ + 795 \\ + 782 \\ \hline 2,830 \end{array}$$

Answer 782 points

This response is complete and correct.

Score Point 2

- 35 Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

Show your work.

$$\begin{array}{r} 1,253 \\ + 795 \\ \hline 2,048 \end{array}$$

$$\begin{array}{r} 2,830 \\ - 2,048 \\ \hline 782 \end{array}$$

Answer 782 points

This response is only partially correct. The work shown demonstrates a sound procedure; however, a calculation error results in an incorrect answer.

Score Point 1

35

Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

*Show your work.*

$$\begin{array}{r} 1\ 1 \\ 1\ 2\ 5\ 3 \\ +\ 7\ 9\ 5 \\ \hline 2\ 0\ 4\ 8 \end{array}$$

Answer 2,048 points

This response is only partially correct. The first step is shown; however, the final step leading to the correct answer is missing, which results in an incorrect answer.

Score Point 1

35

Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

*Show your work.*

$$\begin{array}{r} 795 \\ + 1,830 \\ \hline 2,625 \end{array}$$

Answer 2,625 points

This response is incorrect.

Score Point 0

35

Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

Show your work.

$$\begin{array}{r} 0127613 \\ \times 1253 \\ \hline - 795 \\ \hline 0558 \end{array}$$

Answer 558 points

This response is incorrect.

Score Point 0



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

## **Mathematics Test**

Grade **4**

**2009 Practice Set**

35

Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

Show your work.

$$\begin{array}{r} \text{Jared} \\ \hline 1,253 \end{array} \quad \begin{array}{r} \text{Dan} \\ \hline 790 \end{array}$$

$$\begin{array}{r} 1,253 \\ + 790 \\ \hline 2,043 \end{array}$$

all together  
2,830

~~$$\begin{array}{r} 1,253 \\ + 790 \\ \hline 0000 \end{array}$$~~

787

Answer \_\_\_\_\_ points

$$\begin{array}{r} 2,043 \\ + 0,787 \\ \hline 2,830 \end{array}$$

- 35 Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

*Show your work.*

$$\begin{array}{r} 1,253 \\ + 795 \\ \hline 2,048 \\ + 782 \\ \hline 2,830 \end{array}$$

Answer 782 points

- 35 Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

*Show your work.*

$$1,253 + 795 = 1,593$$

*Answer* 1,593 points

35

Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned 795 points and Jared earned 1,253 points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

*Show your work.*

$$\begin{array}{r} 1,253 \\ + 795 \\ \hline 2,048 \end{array}$$

$$\begin{array}{r} 2,830 \\ - 2,040 \\ \hline 790 \end{array}$$

Answer 2,830 points

$$\begin{array}{r} 2,040 \\ + 790 \\ \hline 2,830 \end{array}$$

35

Dan, Jared, and Kiana played video games and recorded the number of points they earned. Dan earned ~~795~~ points and Jared earned ~~1253~~ points. The total number of points earned by the three people was 2,830. How many points did Kiana earn?

Show your work.

$$\begin{array}{r}
 1253 \\
 + 795 \\
 \hline
 2048
 \end{array}$$

$$\begin{array}{r}
 2830 \\
 - 2048 \\
 \hline
 \end{array}$$

Answer \_\_\_\_\_ points

$$\begin{array}{r}
 + 2048 \\
 \hline
 + 2050 \\
 \hline
 + 2100 \\
 \hline
 + 2800 \\
 \hline
 2830
 \end{array}$$

$$\begin{array}{r}
 + 700 \\
 \hline
 + 702 \\
 \hline
 + 752 \\
 \hline
 782
 \end{array}$$

# 4<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	(0-2)	
PS 22	(0-2)	
PS 23	(0-2)	
PS 24	(0-2)	
PS 25	(0-2)	

PS 26	(0-2)	
PS 27	(0-2)	
PS 28	(0-2)	
PS 29	(0-2)	
PS 30	(0-2)	
PS 31	(0-2)	
PS 32	(0-2)	
PS 33	(0-2)	
PS 34	(0-2)	
PS 35	(0-2)	
PS 36	(0-3)	
PS 37	(0-3)	
PS 38	(0-3)	
PS 39	(0-3)	
PS 40	(0-3)	
PS 41	(0-3)	
PS 42	(0-3)	
PS 43	(0-3)	
PS 44	(0-3)	
PS 45	(0-3)	
PS 46	(0-2)	
PS 47	(0-2)	
PS 48	(0-2)	
PS 49	(0-2)	
PS 50	(0-2)	

# 4<sup>TH</sup> GRADE MATHEMATICS

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

## PRACTICE SET ANSWER KEY

<b>PS 51</b>	(0-2)	
<b>PS 52</b>	(0-2)	
<b>PS 53</b>	(0-2)	
<b>PS 54</b>	(0-2)	
<b>PS 55</b>	(0-2)	
<b>PS 56</b>	(0-2)	
<b>PS 57</b>	(0-2)	
<b>PS 58</b>	(0-2)	
<b>PS 59</b>	(0-2)	
<b>PS 60</b>	(0-2)	
<b>PS 61</b>	(0-2)	
<b>PS 62</b>	(0-2)	
<b>PS 63</b>	(0-2)	
<b>PS 64</b>	(0-2)	
<b>PS 65</b>	(0-2)	
<b>PS 66</b>	(0-2)	
<b>PS 67</b>	(0-2)	
<b>PS 68</b>	(0-2)	
<b>PS 69</b>	(0-2)	
<b>PS 70</b>	(0-2)	

<b>PS 71</b>	(0-2)	
<b>PS 72</b>	(0-2)	
<b>PS 73</b>	(0-2)	
<b>PS 74</b>	(0-2)	
<b>PS 75</b>	(0-2)	
<b>PS 76</b>	(0-2)	
<b>PS 77</b>	(0-2)	
<b>PS 78</b>	(0-2)	
<b>PS 79</b>	(0-2)	
<b>PS 80</b>	(0-2)	
<b>PS 81</b>	(0-3)	
<b>PS 82</b>	(0-3)	
<b>PS 83</b>	(0-3)	
<b>PS 84</b>	(0-3)	
<b>PS 85</b>	(0-3)	
<b>PS 86</b>	(0-3)	
<b>PS 87</b>	(0-3)	
<b>PS 88</b>	(0-3)	
<b>PS 89</b>	(0-3)	
<b>PS 90</b>	(0-3)	