

Subtraction Talk Routine

Prompt	Action
Determine the difference. See if you can find the difference in more than one way.	Give thinking time. Students should indicate when they have an answer, think about additional strategies, and indicate the number of ways they are thinking about the problem.
What answers do you have?	Record different answers.
How did you find the difference?	Write student's name so the strategy can be referenced when connecting with different strategies. Record the strategy the student describes using symbols and/or an open number line. Your recording strategy should illustrate how the student sees the chunks.
Who found the difference a different way?	Repeat the recording of other student strategies.
What connections can you make between two or more of these strategies?	This question gives students an opportunity to make connections among strategies. This allows students to see the mathematics in different ways.

Subtraction Talk Sample Preparation Guide – START HERE

Anticipate Student Strategies and Practice Recording Their Thinking

<p style="text-align: center;"><u>Strategy 1</u></p> $63 - 28 = 35$ <p style="text-align: center;">difference</p>	<p style="text-align: center;"><u>Strategy 2</u></p> $63 - 28 = 35$
<p style="text-align: center;"><u>Strategy 3</u></p> $63 - 28 = 35$ <p style="text-align: center;">how much more.</p>	<p style="text-align: center;"><u>Possible mistake</u></p> $63 - 28 = 31$ <p> $28 + 2 = 30$ added 2 $63 - 30 = 33$ took away $33 - 2 = 31$ subtracted 2 $2 - 2 = 0$ undid </p>

What connections do you anticipate students making among these strategies?

Subtraction Talk A Preparation Guide – START HERE

Anticipate Student Strategies and Practice Recording Their Thinking

<p><u>Strategy 1</u></p> <p>70 - 19</p>	<p><u>Strategy 2</u></p> <p>70 - 19</p>
<p><u>Strategy 3</u></p> <p>70 - 19</p>	<p><u>Possible mistake</u></p> <p>70 - 19</p>

What connections do you anticipate students making among these strategies?

Show this image.

Say: *Determine the difference. See if you can find the difference in more than one way.*

$$70 - 19$$

Subtraction Talk A Presentation Page 2

Use this page to record student strategies.

Strategy 1

$$70 - 19$$

Strategy 2

$$70 - 19$$

Strategy 3

$$70 - 19$$

Strategy 4

$$70 - 19$$

Subtraction Talk B Preparation Guide – START HERE

Anticipate Student Strategies and Practice Recording Their Thinking

<p><u>Strategy 1</u></p> <p>100 - 61</p>	<p><u>Strategy 2</u></p> <p>100 - 61</p>
<p><u>Strategy 3</u></p> <p>100 - 61</p>	<p><u>Possible mistake</u></p> <p>100 - 61</p>

What connections do you anticipate students making among these strategies?

Subtraction Talk B Presentation Page 1

Show this image.

Say: *Determine the difference. See if you can find the difference in more than one way.*

$$100 - 61$$

Subtraction Talk B Presentation Page 2

Use this page to record student strategies.

Strategy 1

$$100 - 61$$

Strategy 2

$$100 - 61$$

Strategy 3

$$100 - 61$$

Strategy 4

$$100 - 61$$

Subtraction Talk C Preparation Guide – START HERE

Anticipate Student Strategies and Practice Recording Their Thinking

<p><u>Strategy 1</u></p> <p>99 - 24</p>	<p><u>Strategy 2</u></p> <p>99 - 24</p>
<p><u>Strategy 3</u></p> <p>99 - 24</p>	<p><u>Possible mistake</u></p> <p>99 - 24</p>

What connections do you anticipate students making among these strategies?

Show this image.

Say: *Determine the difference. See if you can find the difference in more than one way.*

$$99 - 24$$

Subtraction Talk C Presentation Page 2

Use this page to record student strategies.

Strategy 1

$$99 - 24$$

Strategy 2

$$99 - 24$$

Strategy 3

$$99 - 24$$

Strategy 4

$$99 - 24$$

Subtraction Talk D Preparation Guide – START HERE

Anticipate Student Strategies and Practice Recording Their Thinking

<p><u>Strategy 1</u></p> <p>301 - 149</p>	<p><u>Strategy 2</u></p> <p>301 - 149</p>
<p><u>Strategy 3</u></p> <p>301 - 149</p>	<p><u>Possible mistake</u></p> <p>301 - 149</p>

What connections do you anticipate students making among these strategies?

Show this image.

Say: *Determine the difference. See if you can find the difference in more than one way.*

$$301 - 149$$

Subtraction Talk D Presentation Page 2

Use this page to record student strategies.

Strategy 1

301 - 149

Strategy 2

301 - 149

Strategy 3

301 - 149

Strategy 4

301 - 149

Subtraction Talk E Preparation Guide – START HERE

Anticipate Student Strategies and Practice Recording Their Thinking

<p><u>Strategy 1</u></p> <p>81 - 27</p>	<p><u>Strategy 2</u></p> <p>81 - 27</p>
<p><u>Strategy 3</u></p> <p>81 - 27</p>	<p><u>Possible mistake</u></p> <p>81 - 27</p>

What connections do you anticipate students making among these strategies?

Show this image.

Say: *Determine the difference. See if you can find the difference in more than one way.*

$$81 - 27$$

Subtraction Talk E Presentation Page 2

Use this page to record student strategies.

Strategy 1

$$81 - 27$$

Strategy 2

$$81 - 27$$

Strategy 3

$$81 - 27$$

Strategy 4

$$81 - 27$$

Subtraction Talk F Preparation Guide – START HERE

Anticipate Student Strategies and Practice Recording Their Thinking

<p><u>Strategy 1</u></p> <p>142 - 97</p>	<p><u>Strategy 2</u></p> <p>142 - 97</p>
<p><u>Strategy 3</u></p> <p>142 - 97</p>	<p><u>Possible mistake</u></p> <p>142 - 97</p>

What connections do you anticipate students making among these strategies?

Show this image.

Say: *Determine the difference. See if you can find the difference in more than one way.*

$$142 - 97$$

Subtraction Talk F Presentation Page 2

Use this page to record student strategies.

Strategy 1

$$142 - 97$$

Strategy 2

$$142 - 97$$

Strategy 3

$$142 - 97$$

Strategy 4

$$142 - 97$$