Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Add or subtract: Show strategy.

400 – 243 = 382 + 420 =

Work Space:

Work Space:

 357 834

+287 - 645

Work Space:



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| Teacher notes:Fluently add and subtract within 1000 using strategies and algorithms (invented) based on place value, properties of operations, and/or the relationship between addition and subtraction. This is an end of the year standard. For end of 1st quarter:* Students are exceeding expectations if they use invented algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction. Students also demonstrate flexibility by choosing different more efficient strategies based on the number choices given. For example, a student may choose to compensate rather than increment because the number choices are appropriate.
* Students who meet expectations can choose a successful strategy to solve the problem. Strategy may include direct modeling by 10’s but notation needs to be present with their drawing. Work may contain a minor computational error.
* Students who are progressing toward meeting the expectation may direct model by 10’s but their drawing does not include notation.
* Students who do not meet this standard have a lack of understanding of the problem and their strategy shows no evidence of leading to the correct answer.
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| **Not yet:** Student shows evidence of misunderstanding, incorrect concept or procedure | **Got It:** Student essentially understands the target concept. |
| **1 Does not meet expectation related to the standard**The task is attempted and some mathematical effort is made. There may be fragments of accomplishment but little or no success. Further teaching is required. | **2 Progressing toward meeting expectations related to the standard**Part of the task is accomplished, but there is lack of evidence of understanding or evidence of not understanding. Further teaching is required. | **3 Meets expectation related to the standard**Student could work to full accomplishment with minimal feedback from teacher. Errors are minor. Teacher is confident that understanding is adequate to accomplish the objective with minimal assistance. | **4 Exceeds expectations related to the standard** Strategy and execution meet the content, process, and qualitative demands of the task or concept. Student can communicate ideas. May have minor errors that do not impact the mathematics. |

Adapted from Van de Walle, J. (2004) Elementary and Middle School Mathematics: Teaching Developmentally. Boston: Pearson Education, 65 |