| - | Examples of the partial quotient process below use the "Big 7" strategy. |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 嵒 | (a) This shows the partial quotient process for $25 \div 7$. |  | (b) Thi quotie | vs th cess |
|  | $7 \longdiv { 2 5 }$ |  | $5 \longdiv { 6 7 }$ |  |
|  | -7 | 1 | -50 | 10 |
|  | 18 |  | 17 |  |
|  | -7 | 1 | -5 | 1 |
|  | 11 |  | 12 |  |
|  | -7 | 1 | -5 | 1 |
|  | 1 |  | 7 |  |
|  |  |  | -5 | 1 |
|  |  |  | 2 |  |

The 5E model lesson cycle includes the elements of Engage, Explore, Explain, Elaborate, and Evaluate. It is used to stimulate student interest as the Division Quilts lesson sequence unfolds.

## Lesson 2: Connecting to the Partial Quotient strategy

|  | Lesson 2: Connecting to the Partial Quotient strategy |
| :--- | :--- |
| Essential | How can I solve a division problem using the division algorithm? |
| question |  | Explore \(\left.\begin{array}{l}Make sure each student has a division quilt that shows 25 \div 7=3 R 4. Have <br>

students discuss In groups what they did to make the quilt.\end{array}\right]\)

| (table 2 continued) | Lesson 3: Using a partial quotient with large numbers |
| :--- | :--- |
| Essential |  |
| question | How can I be more efficient in my choices to divide larger numbers? |
| Explore | 1. Have students solve the problem 5) <br> and a Division Quilt. |
| 2. Thendividually, using base-ten blocks |  |

