| Overarching Student Learning Goals <br> In this unit, your child will work to build an understanding of the following: | Resources/Tasks to support your child at home. |
| :---: | :---: |
| Explain how the standard algorithm for multiplication of multi-digit numbers connects to place value and prior multiplication strategies. | - Use at least 2 different strategies to find the product of $34 \times 23$. How do the different strategies relate? <br> - Look at this strategy that was started how does it connect to the standard algorithm for multiplication? <br> - Khan Academy Video: Connecting the Area Model to the standard algorithm for multiplication https://goo.gl/84RB2X |
| Use the standard algorithm for multiplication of multi-digit numbers. | - Provide multiple opportunities for your child to practice: <br> Have your child describe the steps to the standard algorithm with place value. Example: $376 \times 8$, "First I multiply 6 ones and 8 ones to get 48 . Since there are 4 tens in 48 , I'll regroup them to the tens place..." <br> - Khan Academy Video: Using the standard algorithm for multidigit multiplication https://goo.gl/NnfzoL |

Grade 5

Use estimation to determine the reasonableness of products.

> Will $38 \times 92$ be more than or less than $3,000 ?$


- The shirt store sells shirts in whole dollar amounts starting at $\$ 5.00$. If you were going to buy 82 of the same $t$-shirts for the $5^{\text {th }}$ grade class and you could spend up to $\$ 1100$, what is the most you could spend on one shirt?
- Use estimation to explain how you know there is an error in the equation below:

$$
32 \times 84=393
$$

- Khan Academy Video: Example of using estimation to find a near product https://goo.gl/YCg538

