Model with mathematics.

I can recognize math in everyday life and use math I know to solve problems.

I can use...

(Pictures) 4 birds are in a tree. 2 birds flew away. How many are left?

(Symbols) $4 - 2 = 2$

(Objects)

(Words) I have 4. I take 2 away. Now I have 2.

...to solve everyday problems.
Model with mathematics.

Mathematical Practice 4

I can recognize math in everyday life and use math I know to solve problems.

I can use....

I can use take-away to find the difference between the number of crayons Jill and Rob have.

Rob has 23 crayons. Jill has 46 crayons. How many more crayons does Jill have than Rob?

46
- 23
23

...to solve everyday problems.
Model with mathematics.

Mathematical Practice 4

I can recognize math in everyday life and use math I know to solve problems.

I can...

My box turtle is getting a new tank. He is 5 1/2" long and 3" tall. One side length of the tank needs to be 5 times his length. How long will the length of the tank need to be?

Use estimates to make the problem simpler.
I will round 5 1/2" to 6".

Find important numbers.
Turtle: About 6" long
Tank: 5 times the length of the turtle

Consider my answer – Does it make sense?
I thought about the problem again and a 30" side length on the tank makes sense!

Think about the relationship to find an answer.
The tank (30") is 5 times bigger than the turtle length (6").

Use tools to show relationships.

<table>
<thead>
<tr>
<th>Turtle Length (inches)</th>
<th>Tank Length (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>5</td>
<td>25</td>
</tr>
<tr>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>7</td>
<td>35</td>
</tr>
<tr>
<td>8</td>
<td>40</td>
</tr>
</tbody>
</table>

...to solve everyday problems.
Model with mathematics.

Mathematical Practice 4

I can recognize math in everyday life and use math I know to solve problems.

I can…

Kylie needs to read a book with 247 pages in 3 weeks. She’s hoping to finish it in 2 weeks. About how many pages does she need to read per day?

Use estimates to make the problem simpler. I will round to the whole page.

Find important numbers. Pages to read: 247 Weeks to read: 2 or 3

Consider my answer – Does it make sense?

The more days Kylie reads, the fewer pages per day she has to read. That makes sense!

Think about the relationship to find an answer.

Kylie will need to read 18 pages per day to finish in 2 weeks and 12 pages per day to finish in 3 weeks.

Use tools to show relationships.

<table>
<thead>
<tr>
<th>Weeks to read</th>
<th>Pages to read</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>36</td>
</tr>
<tr>
<td>2</td>
<td>18</td>
</tr>
<tr>
<td>3</td>
<td>12</td>
</tr>
</tbody>
</table>

To solve everyday problems.