



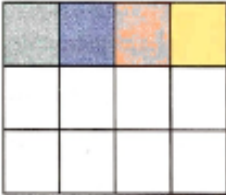
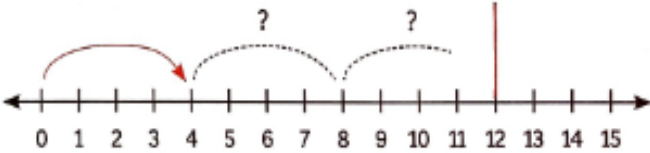


3rd Grade Division Parent Cheat Sheet

Quick Points:

- Use pictures and manipulatives
- Use numbers between 0-100
- No algorithm until 5th grade
- Use word problems for context

Strategies you may see:

| Problem | Model Type | Model |
|---|--------------|--|
| There were 12 apples. There were 4 apples in each bag. How many bags were there? | Equal groups | <p>Apples</p>  <p>Bags</p>  |
| There were 12 tulips. There were 4 tulips in each row. How many rows of tulips were there? | Array | <p>Total Tulips</p>  <p>Rows</p>  <p>?</p> <p>?</p> |
| There were 12 tiles in the rectangle. There were 4 tiles in each row. How many rows were there? | Area model |  |
| Bailey ran 12 miles. She ran 4 miles each day. How many days did she run? | Number line |  |

Questions? Contact Michelle Mohler, IRT at mmohler@ccboe.com