|  |
| --- |
| **Fluency of Multiplication and Division Facts** |
| Recalls and demonstrates multiplication and divisions facts to 5 × 5“I know that 4 × 6 = 24 and that 24 ÷ 6 = 4. The array shows both facts.” | Uses inverse operations to solve multiplication and division problems“I can rewrite 24 ÷ 6 = ?as 6 × ? = 24.” | Uses known facts to determine unknown facts “I can use the distributive property to split the multiplication into facts that I know, then add.”5 × 9 = 5 × 5 + 5 × 425 + 20 = 45 | Fluently creates and solves whole number multiplication problems with factors to 12 and related division problemsThere are 96 basketballs with the same number on each of 12 shelves.A picture containing bubble chart  Description automatically generated12 × □ = 96, so 96 ÷ 12 = □ 12 × 8 = 96Or12 × 8 = 6 × 8 + 6 × 8  = 48 + 48  = 96 |
| **Observations/Documentation** |
|  |  |   |  |