

## Transition: Advanced Counting to Early Additive

Domain: Multiplication and Division

| Strategies being developed | Problem progression | References | Knowledge being developed | Resources |
| :---: | :---: | :---: | :---: | :---: |
| Use the commutative property, $\text { e.g. } 4 \times 6=6 \times 4$ | $\begin{aligned} & 5 \times 6=\square \text { as } 6 \times 5=\square \\ & 9 \times 2=\square \text { as } 2 \times 9=\square \\ & 10 \times 7=\square \text { as } 7 \times 10=\square \\ & 100 \times 6=\square \text { as } 6 \times 100=\square \\ & 50 \times 2=\square \text { as } 2 \times 50=\square \end{aligned}$ | Teaching Multiplication and <br> Division (Book6) <br> Introduction (11-12) <br> Animal Arrays (15-16) <br> Turnabouts (34-36) <br> Figure It Out <br> BF 3 Choco-Blocks (10) | Automatically recall the multiplication and division facts for the multiples of 2,5 , and 10. | Teaching Number <br> Knowledge (Book 4) <br> Number mats and number fans <br> (34) <br> Bowl a fact (35) <br> In and out (36) <br> Multiplication flash cards (38) |
| Dividing by sharing using addition to predict | $\begin{aligned} & 10 \div 2=\square \text { so } 20 \div 4=\square \\ & 12 \div 2=\square \text { so } 12 \div 4=\square \\ & 16 \div 2=\square \text { so } 16 \div 4=\square \\ & \text { so } 16 \div 8=\square \\ & 100 \div 2=\square \text { so } 100 \div 4=\square \end{aligned}$ | Teaching Multiplication and <br> Division (Book6) <br> Introduction (11-12) <br> Pirate Crews (17-18) <br> Figure It Out <br> N 2.2 Dinosaur Dig (19) | Record the results of mental multiplication calculations using equations and diagrams | Figure It Out BF 2-3 Times up (8) BF 2-3 An apple a day (9) |
| Dividing by making equal sets | Twos in 20 so fours in 20 <br> Tens in 30 so fives in 30 <br> Twos in 16 so fours in 16 <br> Fives in 30 so fives in 60 <br> Fours in 16 so eights in 16 <br> Fours in 12 so fours in 24 | Teaching Multiplication and <br> Division (Book6) <br> Biscuit Boxes (19-20) <br> Figure It Out <br> N 2.2 Dinosaur Dig (19) |  |  |

