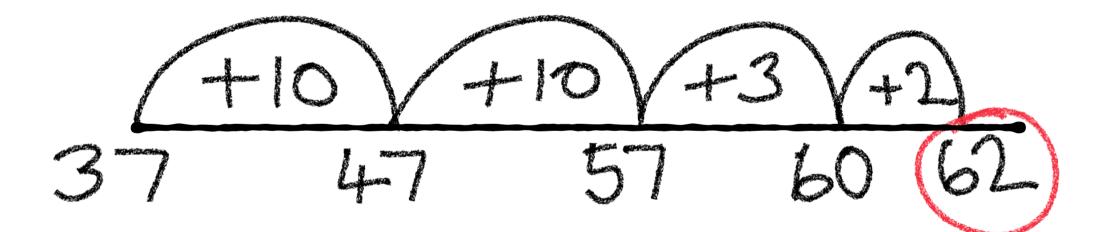
# Glasgow Counts Strategies



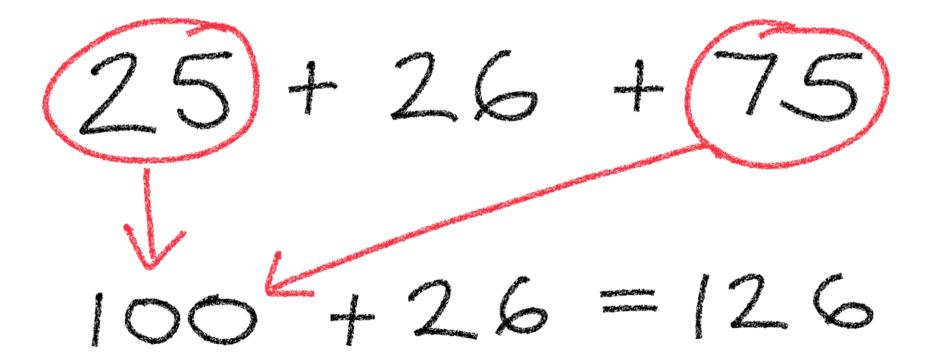
# Addition Strategy: Count On





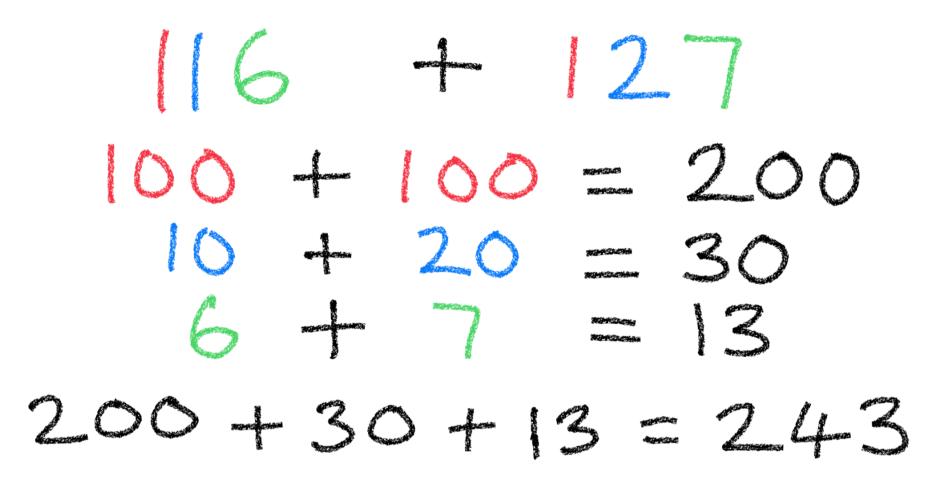


# Addition Strategy: Reordering



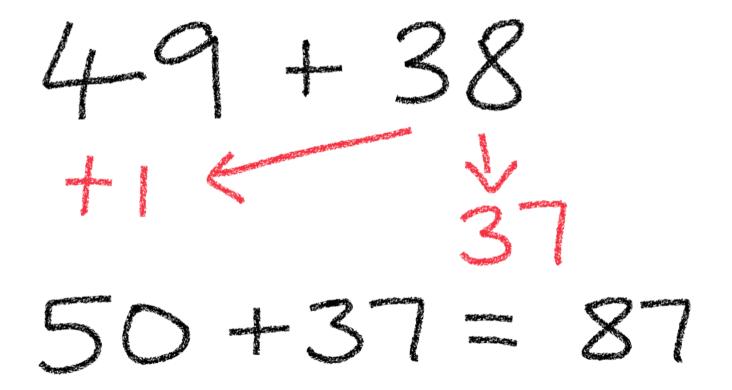


# Addition Strategy: Partitioning



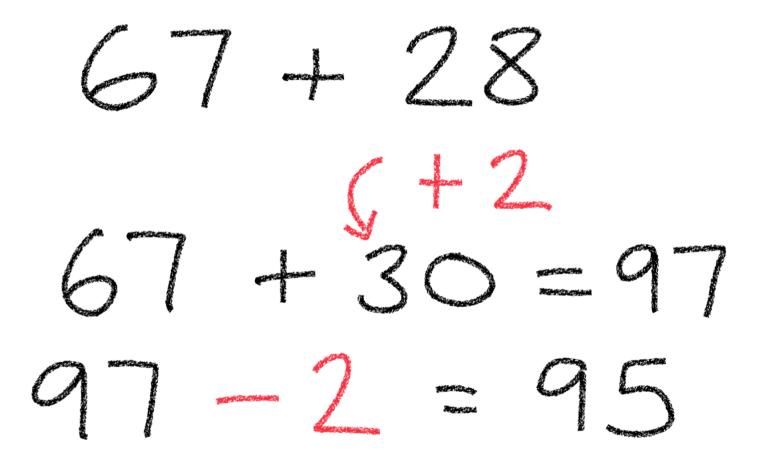


#### Addition Strategy: Making tens/bridging through 10



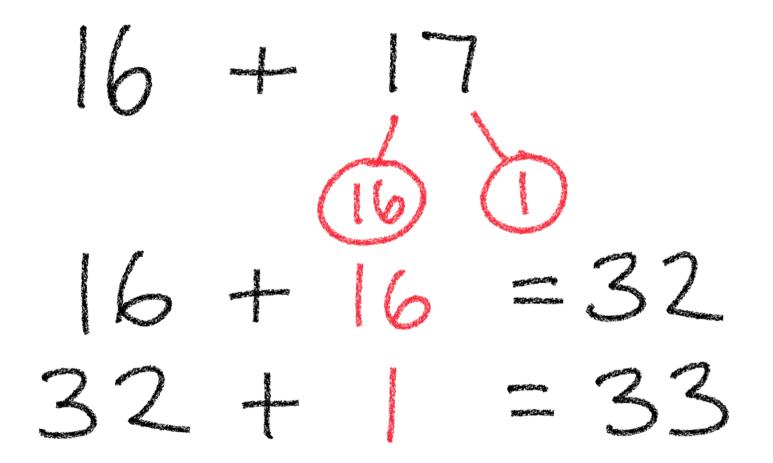


### Addition Strategy: Compensation



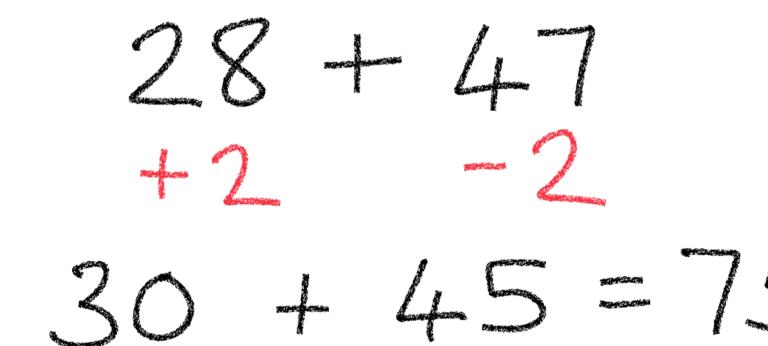


#### Addition Strategy: Doubles/Near Doubles



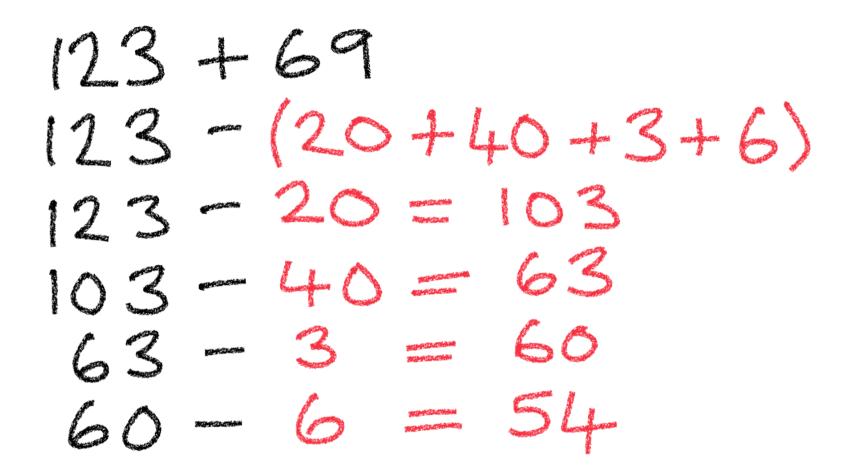


## Addition Strategy: Friendly Numbers



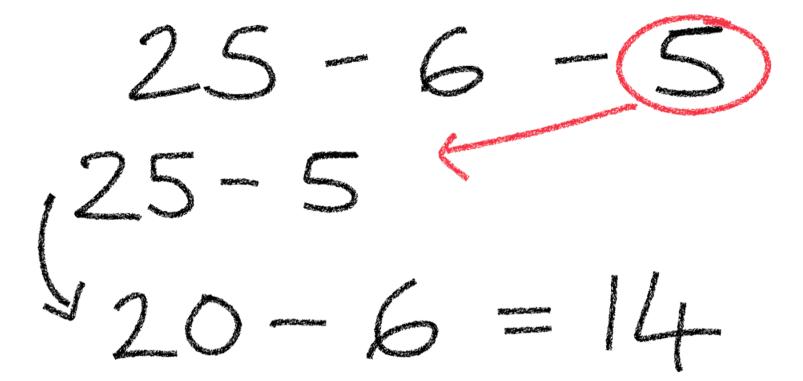


## Subtraction Strategy: Counting Back



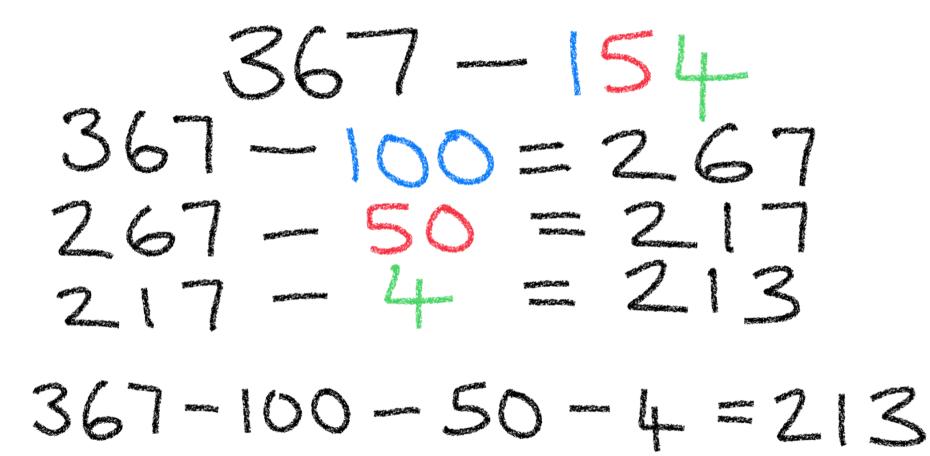


### Subtraction Strategy: Reordering



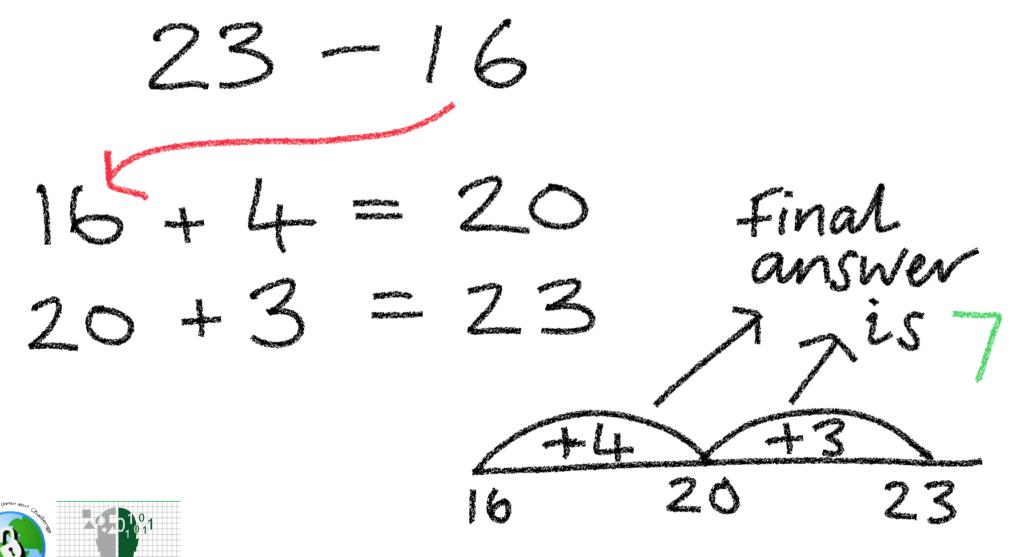


### Subtraction Strategy: Partitioning



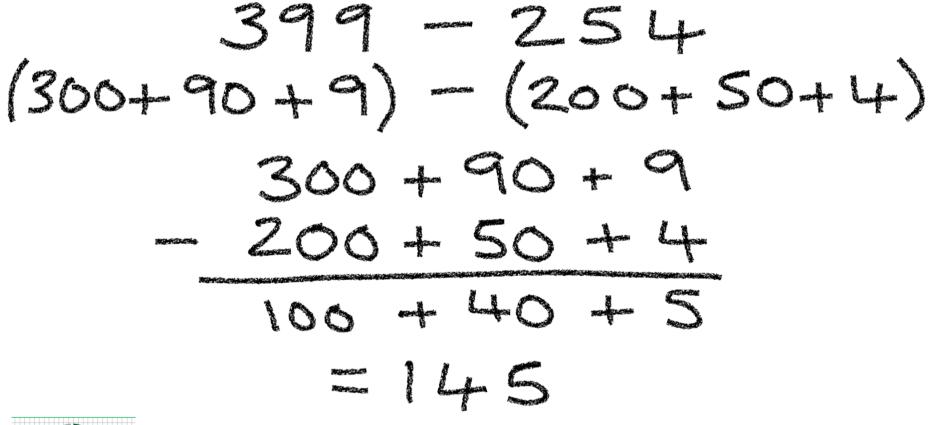


#### Subtraction Strategy: Bridging through 10



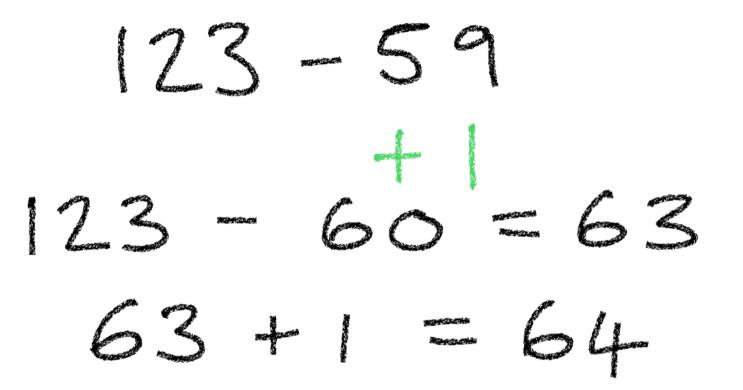
Glasgow Counts A Framework for Mathematics

#### Subtraction Strategy: Place Value & Negative Numbers



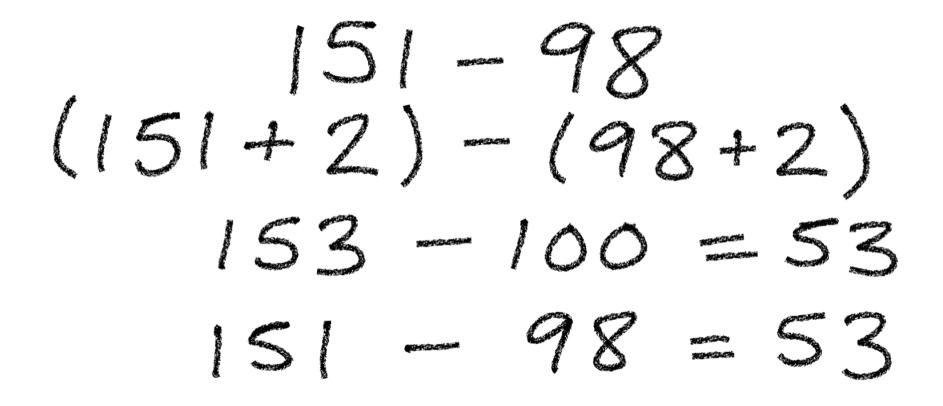


#### Subtraction Strategy: Adjusting for easier numbers



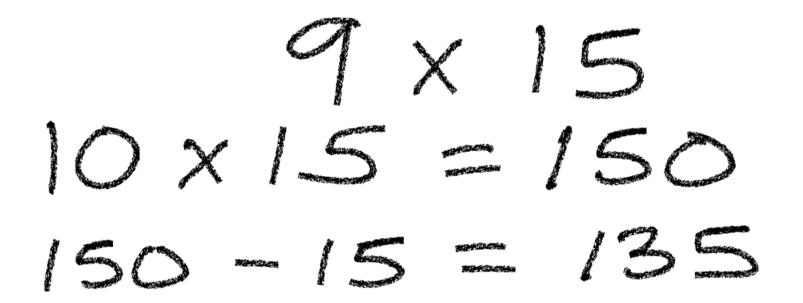


#### Subtraction Strategy: Keep a constant difference





#### Multiplication & Division Strategy: Friendly Numbers



#### Don't forget to 'undo' your change!



#### Multiplication & Division Strategy: Repeated Addition

#### 6x15 15+15+15+15+15 15 + 15 = 3030 + 15 = 4545+15 = 60 60 + 15 = 7575 + 15 = (90)

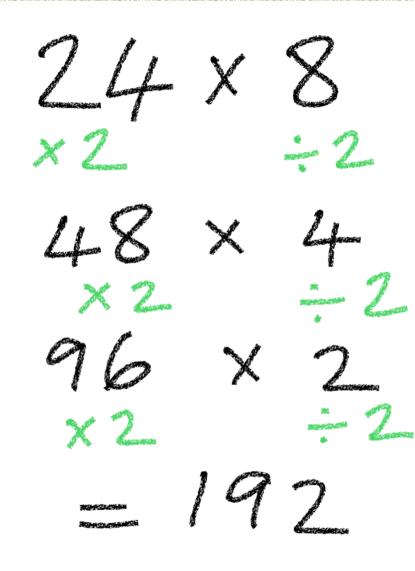


#### Multiplication & Division Strategy: Partial Products

# $6 \times 125$ $6 \times (100 + 20 + 5)$ $(6 \times 100) + (6 \times 20) + (6 \times 5)$ 600 + 120 + 30 = 750

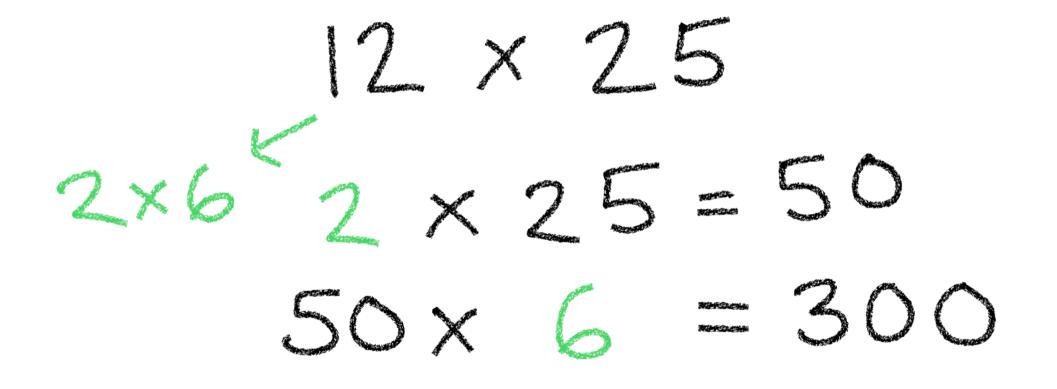


#### Multiplication & Division Strategy: Doubling & Halving



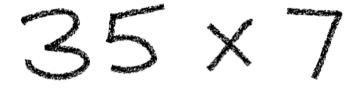


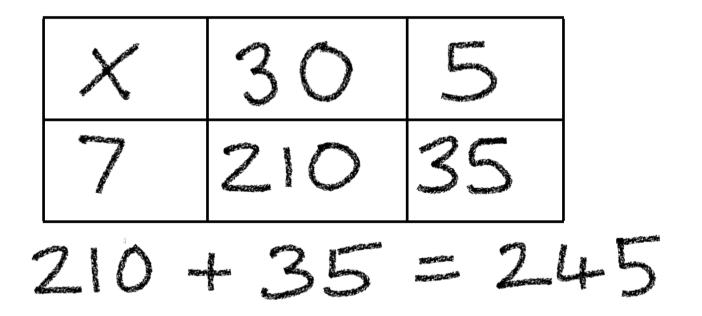
#### Multiplication & Division Strategy: Breaking factors into smaller factors





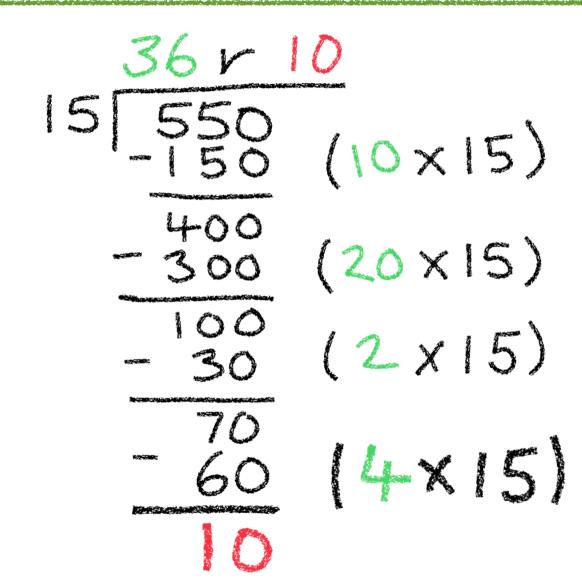
#### Multiplication & Division Strategy: Grid Method





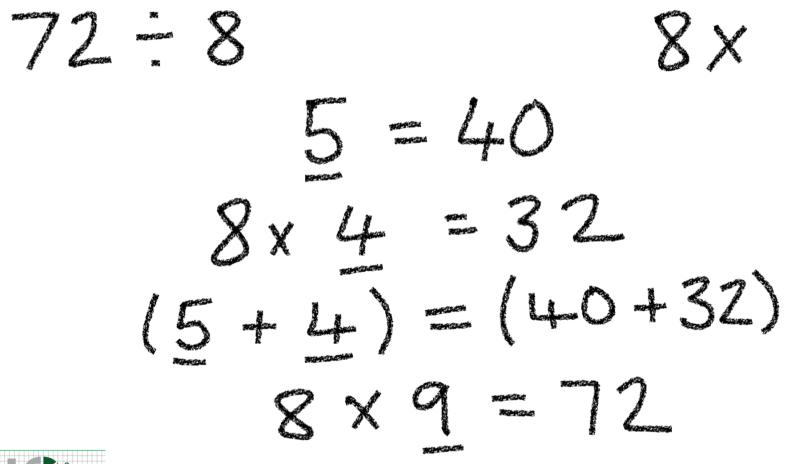


#### Multiplication & Division Strategy: Partial Quotients



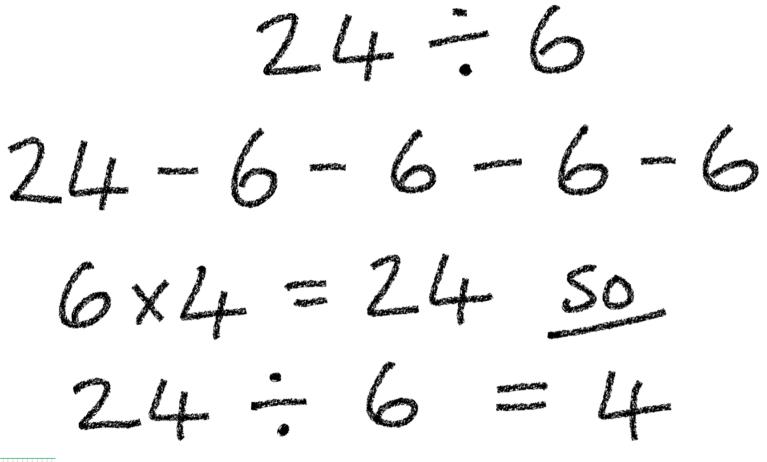


#### Multiplication & Division Strategy: Multiplying Up





#### Multiplication & Division Strategy: Repeated Subtraction





#### Multiplication & Division Strategy:

Proportional Reasoning – making each number either side of the division sign in the problem smaller by dividing it by the same number

