

Year 7

Mental Mathematics Strategies

Doubling & Halving Numbers

First Split it up then double or half.

Examples:

1. 82×2 Think: Double $80 + \text{double } 2$

$= 160 + 4$

$= 164$

2. 45×2 Think: Double $40 + \text{double } 5$

$= 80 + 10$

$= 90$

3. $1/2 \times 64$ Think: Half of $60 + \text{Half of } 4$

$= 30 + 2$

$= 32$