



Mental Computation

Student Name: _____



Mental Computation

Phase A



- I can write numbers from 0 to 10.
- I can recognise the number of objects in a small group (up to 6) without counting them.
- I can count backwards, from any given starting point, for numbers up to 10.
- I can count backwards from 10.
- I can identify numbers that come before and after, for numbers up to 10.
- I can recognise numbers from 0 to 10.
- I can count to 10, from any given starting point
- I can count to 10, starting at 0.

Date completed:

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Phase B



- I can write numbers from 11 to 20.
- I can recognise the number of objects in a small group (up to 12) without counting them.
- I can count backwards, from any given starting point, for numbers up to 20.
- I can count backwards from 20.
- I can identify numbers that come before and after, for numbers up to 20.
- I can recognise numbers from 11 to 20.
- I can count to 20, from any given starting point.
- I can count to 20, starting at 0.

Date completed:

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Phase C



- I can count backwards, from any given starting point, for numbers up to 50.
- I can skip count in 10s to 50.
- I can skip count in 5s to 50.
- I can skip count in 2s to 20.
- I can count to 50, from any given starting point.
- I can count to 50, starting at 0.

Date completed:

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Phase D



- I can count backwards, from any given starting point, for numbers up to 100.
- I can skip count in 10s to 100.
- I can skip count in 5s to 100.
- I can skip count in 2s to 100.
- I can count to 100, from any given starting point.
- I can count to 100, starting at 0.

Date completed:

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Phase E



- I know all **Near Doubles: Addition** facts (up to $9 + 10$) and their turnarounds.
- I know all **Doubles** facts (up to $10 + 10$).
- I know all **Bridging 10: Addition** facts and their turnarounds.
- I know all **Rainbow to 10** facts and their turnarounds.
- I can **Count on 0** (up to $9 + 0$) including turnarounds facts.
- I can **Count on 3** (up to $9 + 3$), including turnarounds facts.
- I can **Count on 2** (up to $9 + 2$), including turnarounds facts.
- I can **Count on 1** (up to $9 + 1$), including turnarounds facts.

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Phase F



- I know all **Near Doubles: Subtraction** facts (up to $19 - 9$) and their turnarounds.
- I know all **Halves** facts (up to $20 - 10$).
- I know all **Bridging 10: Subtraction** facts and their turnarounds.
- I know all **Take from 10** facts (up to $10 - 9$).
- I can **Count back 0** (up to $9 - 0$) and **Zero** facts (up to $9 - 9$).
- I can **Count back 3** (up to $12 - 3$) and **Count up 3** (up to $12 - 9$).
- I can **Count back 2** (up to $11 - 2$) and **Count up 2** (up to $11 - 9$).
- I can **Count back 1** (up to $10 - 1$) and **Count up 1** (up to $10 - 9$).

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Phase G



- I know all **Doubles: multiples of 10** facts (up to $100 + 100$).
- I know all **Bridging 100: Addition** facts and their turnarounds.
- I know all **Rainbow to 100** facts and their turnarounds.
- I can **Count on 30** (up to $90 + 30$), including turnarounds facts.
- I can **Count on 20** (up to $90 + 20$), including turnarounds facts.
- I can **Count on 10** (up to $90 + 10$), including turnarounds facts.

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Phase H



- I know all **Halves** facts: multiples of 10 (up to $200 - 100$).
- I know all **Bridging 100: Subtraction** facts and their turnarounds.
- I know all **Take from 100** facts (up to $100 - 90$).
- I can **Count back 30** (up to $120 - 30$) and **Count up 30** (up to $120 - 90$).
- I can **Count back 20** (up to $110 - 20$) and **Count up 20** (up to $110 - 90$).
- I can **Count back 10** (up to $100 - 10$) and **Count up 10** (up to $100 - 90$).

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Phase I



- I know all **Doubles: multiples of 100** facts (up to $1000 + 1000$).
- I know all **Bridging 1000: Addition** facts and their turnarounds.
- I know all **Rainbow to 1000** facts and their turnarounds.
- I can **Count on 300** (up to $900 + 300$), including turnarounds facts.
- I can **Count on 200** (up to $900 + 200$), including turnarounds facts.
- I can **Count on 100** (up to $900 + 100$), including turnarounds facts.

Date completed:

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Phase J



- I know all **Halves facts: multiples of 100** (up to $2000 - 1000$).
- I know all **Bridging 1000: Subtraction** facts and their turnarounds.
- I know all **Take from 1000** facts (up to $1000 - 900$).
- I can **Count back 300** (up to $1200 - 300$) and **Count up 300** (up to $1200 - 900$).
- I can **Count back 200** (up to $1100 - 200$) and **Count up 200** (up to $1100 - 900$).
- I can **Count back 100** (up to $1000 - 100$) and **Count up 100** (up to $1000 - 900$).

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Phase K



- I know all the $\times 10$ facts and their turnarounds.
- I know all the $\times 5$ facts and their turnarounds.
- I know all the $\times 4$ facts and their turnarounds.
- I know all the $\times 3$ facts and their turnarounds.
- I know all the $\times 2$ facts and their turnarounds.
- I know all the $\times 1$ facts and their turnarounds.

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Phase L



- I know all the $\div 10$ facts and their partners.
- I know all the $\div 5$ facts and their partners.
- I know all the $\div 4$ facts and their partners.
- I know all the $\div 3$ facts and their partners.
- I know all the $\div 2$ facts and their partners.
- I know all the $\div 1$ facts and their partners.

Date completed:

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Phase M



- I know all the $\times 12$ facts and their turnarounds.
- I know all the $\times 11$ facts and their turnarounds.
- I know all the $\times 9$ facts and their turnarounds.
- I know all the $\times 8$ facts and their turnarounds.
- I know all the $\times 7$ facts and their turnarounds.
- I know all the $\times 6$ facts and their turnarounds.

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Phase N



- I know all the $\div 12$ facts and their partners.
- I know all the $\div 11$ facts and their partners.
- I know all the $\div 9$ facts and their partners.
- I know all the $\div 8$ facts and their partners.
- I know all the $\div 7$ facts and their partners.
- I know all the $\div 6$ facts and their partners.

Date completed: