

Mental Maths Strategy

Topic: Choose the most efficient mental strategy for a calculation · Grade: grade 6

Name: _____ Date: _____ Score: _____ / 8

Read each calculation and tick the strategy that makes it easiest to do mentally.

1. Which strategy makes $173 - 99$ easiest to work out mentally?

- ☐ A. Count back in ones ☐ B. Use the column method
☐ C. Subtract 100, then add 1 ☐ D. Subtract the tens, then the ones

2. Which strategy makes 21×5 easiest to work out mentally?

- ☐ A. Add it five times ☐ B. Partition into tens and ones
☐ C. Use the column method ☐ D. Multiply by 10, then halve it

3. Which strategy makes $80 \div 4$ easiest to work out mentally?

- ☐ A. Halve it, then halve it again ☐ B. Count up in fours
☐ C. Subtract four repeatedly ☐ D. Use short division

4. Which strategy makes 42×9 easiest to work out mentally?

- ☐ A. Add it nine times ☐ B. Multiply by 10, then subtract 42
☐ C. Partition into tens and ones ☐ D. Use the column method

5. Which strategy makes 16×4 easiest to work out mentally?

- ☐ A. Use the column method ☐ B. Add it four times
☐ C. Double 16, then double the result ☐ D. Count on in steps

6. Which strategy makes $140 + 97$ easiest to work out mentally?

- ☐ A. Write it out in columns ☐ B. Add 100, then subtract 3
☐ C. Add the tens, then the ones ☐ D. Count on in ones

7. Which strategy makes $198 - 99$ easiest to work out mentally?

- ☐ A. Count back in ones ☐ B. Subtract 100, then add 1
☐ C. Subtract the tens, then the ones ☐ D. Use the column method

8. Which strategy makes 12×5 easiest to work out mentally?

- ☐ A. Partition into tens and ones ☐ B. Add it five times
☐ C. Use the column method ☐ D. Multiply by 10, then halve it