FUN MATH KIDS

Basic

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 ÷ 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