

*WSMA - Mental Math - Grade 5*

1. \_\_\_\_\_

Your Name: \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

Your Name: \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

Your Name: \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

Your Name: \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_

This contest works the same way as the real mental math quiz at the state competition.

**Rules:** Teams of four (or less). One answer sheet per team. Individual effort. Take turns every 5 questions. Write your name when you get the sheet. No talking. No erasures. No corrections. You have one chance to write down your answer. I will read each question twice. Thirty seconds per question.

Easier problems usually come first, so take a minute now to decide what order to go.

1. What is the remainder when you divide 3642 by 5. 2
2. What is 10% of 3000. 300
3. Is this number greater or smaller than 100?  $65 + 45$ . greater (110)
4. Take 600. Divide by minus two. -300
5. Take  $\frac{3}{4}$  of 80 and subtract 7. 53
- Give answer sheet to next student -----
6. Take 500. Multiply by 5 and subtract 500. 2000
7. What is the next prime number after 13? 17
8. What is the remainder when you divide 5001 by 2? 1
9. Take  $40 \times 60$ , and divide by 24. 100
10. Which is larger,  $\frac{2}{3}$  or  $\frac{5}{6}$ ? 5/6
- Give answer sheet to next student -----
11. What is one half of 100 minus one half of 50? 25
12. Take  $\frac{5}{8}$  of 80 and then add 6. 56
13. Take 3000. Subtract 300. Divide by 9. 300
14. Take  $60 \times 20$  and then subtract 200. 1000
15. What is  $\frac{3}{8}$  plus  $\frac{3}{16}$ ? 9/16
- Give answer sheet to next student -----
16. What is  $\frac{1}{2}$  of  $\frac{1}{2}$  of  $\frac{1}{2}$ ? 1/8
17. What is  $\frac{5}{8}$  plus  $\frac{5}{8}$ ? (Always reduce, use proper fraction.) 1  $\frac{1}{4}$
18. What is  $\frac{1}{2}$  plus  $\frac{1}{3}$ . 5/6
19. What is  $8! / 6!$ ? 56
20. Take 50% of 8, multiply by 2, subtract 5. 3

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Grading: Swap answer sheet with another team.

Put an X by any answer that shows it's been erased or crossed out and replaced.

Winning team gets a prize!