

6th Grade Honors Math

Practice Operations

+/- Fractions/Decimals or x/÷ Fractions

Show all work and circle your answer.

Name: _____

Date: _____ Pd: _____

1. $4\frac{2}{3} + 1\frac{3}{7}$

2. $4\frac{2}{5} - 2\frac{3}{4}$

3. $42 + 0.36 + 29.2$

4. $75 - 3.6$

5. $4\frac{1}{3} + 1\frac{7}{8}$

6. $3\frac{1}{2} - 1\frac{3}{4}$

7. $42.1 + .83$

8. $61 - .58$

9. $8\frac{5}{8} + 2\frac{2}{3}$

10. $6\frac{2}{9} - 3\frac{5}{6}$

11. $6.3 + 0.45 + 79.62$

12. $23 - 1.8$

13. $3\frac{7}{9} \times \frac{3}{4}$

14. $4\frac{1}{2} \div 3\frac{1}{3}$

15. $2\frac{1}{2} \times 1\frac{1}{7}$

16. $1\frac{3}{5} \div \frac{1}{2}$

17. $\frac{14}{72} \left(\frac{27}{91} \right)$

18. $\frac{4}{5} \div 2\frac{1}{2}$

19. $2\frac{2}{3} + \frac{3}{4}$

20. $5\frac{5}{8} - 2\frac{5}{6}$

21. Order the following decimals from least to greatest. Show or explain your reasoning.

0.067

0.76

0.06

0.4

0.87

22. Jackson says that $\frac{4}{5}$ of a pizza is the same as what he has, 0.6 of a pizza. Susan disagrees with Jackson's thinking. Susan thinks that $\frac{4}{5}$ is more than 0.6 of a pizza. Who is thinking correctly? Make sure you mathematically prove your reasoning.

23. $16 + 14 \div 2 - 7$

24. $64 \div 2^3 + 4$

25. $(9 - 4)^2 - 12 \times 2$

26. $[1 + (2 + 5)^2] \times 2$