NAME - _____

6th Grade Summer Work Packet

YOU MUST KNOW YOUR MULTIPLICATION TABLES!!!

These 5th grade skills are a pre-requisite in order to be successful in middle school math! This work will be due the second day of class when you will have a test covering each of these skills.

Find the sum or difference.

1. 0.6 + 5.8
2. 2.1 + 3.4
3. 3.4 - 0.972
4. 3.1 - 2.076
5. 8.13 - 2.716
6. 5.91 + 2.38
7. 3.086 + 6.152
8. 4 - 1.9

Find the product.

9. 240 × 0.02
10. 43.79 × 42
11. 0.72 × 0.43
12. 4.7 × 2.8

Find the quotient.

13. 0.4 ÷ 0.02
14. 3.9 ÷ 0.05
15. 26 ÷ 0.2
16. 1.08 ÷ 0.4

Write the next three terms in each pattern.

17. 3, 9, 15, 21, _____
18. 135, 126, 117, 108, _____
19. 2, 6, 18, 54, _____
20. 13, 14, 16, 19, _____

Write each mixed number as an improper fraction.

21. $1\frac{7}{8}$ =_____
22. $2\frac{3}{4}$ =_____
23. $7\frac{1}{3}$ =_____
24. $8\frac{2}{3}$ = _____

Write each improper fraction as a mixed number in simplest form.

25. $\frac{17}{5}$ = _____
26. $\frac{18}{4}$ = _____
27. $\frac{36}{15}$ = _____
28. $\frac{28}{21}$ = _____

Write each decimal as a fraction or mixed number in simplest form.

29. 0.6 = _____
30. 1.25 = _____
31. 0.74 = _____
32. 0.29 = _____

Write each fraction or mixed number as a decimal.

33. $1\frac{7}{25}$ =_____
34. $\frac{3}{50}$ = _____
35. $\frac{1}{125}$ = _____
36. $2\frac{7}{8}$ =_____

Write each fraction or mixed number as a percent.

37. $\frac{1}{2}$ = _____
38. $3\frac{7}{10}$ =_____
39. $\frac{7}{8}$ =_____
40. $2\frac{3}{4}$ =_____