Basic Math Review Sheet

FRACTIONS

Change to whole or mixed numbers

1. $\frac{9}{2}$
2. $\frac{26}{5}$

Change to improper fractions

3. $8\frac{1}{3}$
4. $5\frac{2}{5}$

Find the lowest common denominator in the following fractions

5. $\frac{4}{11}$ and $\frac{1}{8}$
6. $\frac{2}{5}$ and $\frac{5}{9}$

Add the following

7. $\frac{1}{5}, \frac{1}{6},$ and $\frac{2}{3}$
8. $1\frac{1}{2} + 3\frac{1}{8} + 2\frac{1}{6}$

Subtract the following

9. $\frac{5}{7} - \frac{1}{3}$
10. $8\frac{1}{4} - 3\frac{3}{8}$

Multiply the following and reduce to lowest terms

11. $\frac{1}{6} \times \frac{1}{3}$
12. $\frac{2}{8} \times 1\frac{1}{3}$

Divide the following and reduce to lowest terms

13. $\frac{1}{3} \div \frac{2}{5}$
14. $1\frac{1}{8} \div 2\frac{1}{2}$

Express the following fractions reduced to lowest terms (numbers)

15. $\frac{4}{120}$
16. $\frac{3}{7}$

DECIMALS

Write the following as decimals

17. Twelve hundredths
18. Three and sixteen thousandths

Add the following

19. 3.04 + 1.864

20. 25.7 + 3.008

Subtract the following

21. 3 - 0.04

22. 0.96 - 0.1359

Multiply the following

23. 0.05 x 2

24. 3 x 0.4

Divide the following

25. 500 ÷ 15

26. 20.6 ÷ 0.21

Change the following to decimals and carry to the third decimal place

27. $\frac{24}{44}$

28. $9\frac{1}{8}$

PERCENTAGES

Find the following percentages

29. 25% of 300

30. 1% of 50

Change the following decimals to fractions and reduce to lowest terms

31. 0.005

32. 0.05

Change the following fractions to a decimal and a percentage

33. $\frac{3}{4}$

34. $\frac{1}{8}$

ROUNDING

Round the following decimals

Decimal	Nearest Whole Number	Nearest Hundreth	Nearest Tenth
35. 0.8734	_____	_____	_____
36. 0.842	_____	_____	_____
37. 0.553	_____	_____	_____
38. 0.689	_____	_____	_____
39. 2.75	_____	_____	_____

Answer the following questions

40. What is 25% of 2?   Ans: Fraction _____   Ans: Decimal _____

41. What is $\frac{1}{4}$ of 2?   Ans: Fraction _____   Ans: Decimal _____

42. What is 75% of 2?   Ans: Fraction _____   Ans: Decimal _____

43. Divide 0.5 by 0.25:

44. Divide 0.2 by 0.1:

45. Divide $\frac{1}{100}$ by $\frac{1}{200}$: