

Math Screening Test

Addition:

1.
$$\begin{array}{r} 232 \\ +542 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 1,895 \\ +325 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 10,256 \\ +55,103 \\ \hline \end{array}$$

Subtraction:

4.
$$\begin{array}{r} 89 \\ -45 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 4,250 \\ -4,199 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 25,210 \\ \hline -515 \\ \hline \end{array}$$

Fractions:

7. $\frac{1}{2} + \frac{1}{2} = \underline{\hspace{2cm}}$

8. $\frac{1}{4} + \frac{1}{4} = \underline{\hspace{2cm}}$

9. $\frac{1}{2} + \frac{1}{4} = \underline{\hspace{2cm}}$

10. $\frac{1}{2} - \frac{1}{2} = \underline{\hspace{2cm}}$

11. $\frac{1}{2} - \frac{1}{4} = \underline{\hspace{2cm}}$

12. $1 - \frac{1}{8} = \underline{\hspace{2cm}}$

Fractions to Decimals:

13. $\frac{1}{2} = (\quad) 0.050$
() 0.50
() 5.00

14. $\frac{1}{4} = (\quad) 0.0025$
() 2.50
() 0.25

15. $1\frac{3}{4} = (\quad) 1.075$
() 0.175
() 1.75

Decimals:

16. $0.5 + 0.5 = \underline{\hspace{2cm}}$

17. $0.25 + 0.5301 = \underline{\hspace{2cm}}$

18. $1.50 + 0.25 = \underline{\hspace{2cm}}$

19. $1.52 - 0.01 = \underline{\hspace{2cm}}$

Percent:

20. 15% of 200 =

21. 50% of 100 =

A calculator can be used on this side of the test

Convert the following fractions to decimals:

22. $1/16 =$ _____ 23. $5/32 =$ _____ 24. $32/64 =$ _____

Convert the following decimals to fractions:

25. $.5000 =$ _____ 26. $.2500 =$ _____ 27. $.9000 =$ _____

Convert the following decimals to percents:

28. $.50 =$ _____ 29. $.25 =$ _____ 30. $.90 =$ _____

1" (inch) = 25.4 mm (millimeters) Convert the following:

31. $.5000'' =$ _____ mm 32. $25.0 \text{ mm} =$ _____ "
33. $11.0 \text{ mm} =$ _____ " 34. $.1234'' =$ _____ mm

Word Problems

35. There are two chickens living on a farm and each chicken lays 4 eggs. After sitting on the eggs for two weeks, four of the eggs hatch baby chicks. What percentage of the total eggs hatched? _____ %

36. You are driving in your car on the way to Philadelphia. Your speed is 60 mph. How many miles will you travel in 30 minutes. _____