

Name _____

Session _____

Math Quiz Printing Technology
Show All Math! • No Calculators!

1. Find half of each of the following:

$$7/8'' = \underline{\hspace{2cm}} \quad 9 \frac{3}{4}'' = \underline{\hspace{2cm}} \quad 10 \frac{1}{8}'' = \underline{\hspace{2cm}} \quad 2 \frac{11}{16}'' = \underline{\hspace{2cm}}$$

$$1 \frac{5}{16}'' = \underline{\hspace{2cm}} \quad 3/16'' = \underline{\hspace{2cm}} \quad 4 \frac{5}{8}'' = \underline{\hspace{2cm}} \quad 7 \frac{1}{2}'' = \underline{\hspace{2cm}}$$

2. Add the following:

789	854	1224	1678
343	107	389	5275
48	254	1259	675
<u>+175</u>	<u>+ 30</u>	<u>+ 800</u>	<u>+2906</u>

3. Subtract the following:

756	4306	567	3589
<u>-325</u>	<u>- 864</u>	<u>-287</u>	<u>-2490</u>

4. Multiply the following:

525	2382	50	350
<u>x30</u>	<u>x250</u>	<u>x9</u>	<u>x100</u>

5. Divide the following:

$$25 \overline{) 4508}$$

$$15 \overline{) 780}$$

$$8 \overline{) 4896}$$

$$235 \overline{) 8765}$$

6. Add the following fractions: (Reduce to simplest form!)

$$\begin{array}{r} 4/7 \\ +2/7 \\ \hline \end{array} \quad \begin{array}{r} 2/8 \\ +6/8 \\ \hline \end{array} \quad \begin{array}{r} 5/8 \\ +7/8 \\ \hline \end{array} \quad \begin{array}{r} 8 \ 5/7 \\ +3 \ 1/7 \\ \hline \end{array}$$

7. Subtract the following fractions: (Find the common denominator when necessary!)

$$\begin{array}{r} 6 \ 4/9 \\ -2 \ 1/9 \\ \hline \end{array} \quad \begin{array}{r} 9 \ 1/3 \\ -4 \ 1/12 \\ \hline \end{array} \quad \begin{array}{r} 16 \ 7/8 \\ - \ 9 \ 1/4 \\ \hline \end{array} \quad \begin{array}{r} 13 \ 3/5 \\ - \ 8 \ 1/3 \\ \hline \end{array}$$

8. Multiply the following: (Reduce to simplest form!)

$$\begin{array}{r} 2/3 \\ \times 5/7 \\ \hline \end{array} \quad \begin{array}{r} 1/5 \\ 2/3 \\ \times 1/7 \\ \hline \end{array} \quad \begin{array}{r} 2/3 \\ \times \ 5 \\ \hline \end{array} \quad \begin{array}{r} 2/9 \\ \times 3/7 \\ \hline \end{array}$$

9. Divide the following: (Change improper fractions to a whole number)

$$\begin{array}{r} 7 \div 2 \\ 9 \ 3 \end{array} \quad \begin{array}{r} 3 \ 1 \div 1 \\ 2 \ 7 \end{array} \quad \begin{array}{r} 4 \div 2 \\ 9 \ 3 \end{array} \quad \begin{array}{r} 4 \ 5 \div 3 \\ 8 \ 4 \end{array}$$

10. Add the following decimals:

$$\begin{array}{r} 450.375 \\ 87.56 \\ \underline{6.058} \end{array} \quad \begin{array}{r} 18.0009 \\ 9.0899 \\ \underline{87.463} \end{array} \quad \begin{array}{r} .85 \\ 450.67 \\ \underline{85.28} \end{array} \quad \begin{array}{r} 89.357 \\ 906.875 \\ \underline{463.08} \end{array}$$

11. Subtract the following decimals:

$$\begin{array}{r} 987.99 \\ \underline{378.12} \end{array}$$

$$\begin{array}{r} 87.075 \\ \underline{28.061} \end{array}$$

$$\begin{array}{r} 18.090 \\ \underline{7.874} \end{array}$$

$$\begin{array}{r} .75 \\ \underline{.39} \end{array}$$

12. Multiplying the following decimals:

$$\begin{array}{r} 89.25 \\ \underline{.075} \end{array}$$

$$\begin{array}{r} 75 \\ \underline{.48} \end{array}$$

$$\begin{array}{r} 3.68 \\ \underline{1.55} \end{array}$$

$$\begin{array}{r} 8.5 \\ \underline{.05} \end{array}$$

13. Divide the following decimals:

$$12 \overline{) .865}$$

$$24 \overline{) 10.84}$$

$$.072 \overline{) 29.904}$$

$$35 \overline{) 9.98}$$

14. Change the following Decimals to Fractions: (Reduce!)

$$.28 = \underline{\hspace{2cm}}$$

$$.75 = \underline{\hspace{2cm}}$$

$$8.025 = \underline{\hspace{2cm}}$$

$$55.9 = \underline{\hspace{2cm}}$$

15. Change the following fractions to decimals:

$$3/8 = \underline{\hspace{2cm}}$$

$$13/16 = \underline{\hspace{2cm}}$$

$$3/5 = \underline{\hspace{2cm}}$$

$$15/32 = \underline{\hspace{2cm}}$$

16. Change the following decimals to percents:

$$.35 = \underline{\hspace{2cm}}\% \quad .09 = \underline{\hspace{2cm}}\% \quad .006 = \underline{\hspace{2cm}}\% \quad .0873 = \underline{\hspace{2cm}}$$

17. Change the following percents to decimals:

$$75\% = \underline{\hspace{2cm}} \quad 8\% = \underline{\hspace{2cm}} \quad 286\% = \underline{\hspace{2cm}} \quad .06\% = \underline{\hspace{2cm}}$$

18. Complete the following Ruler: