

Basic Math Assessment

Name _____

Date _____ Period _____

This test is to discover your strengths and weaknesses in math skills. It will not affect your grade. Take your time. Show your work. Do not use a calculator.

Addition & Subtraction

1. $6 + 9 =$

2.
$$\begin{array}{r} 16 \\ + 16 \\ \hline \end{array}$$

3. $63 + 179 =$

4.
$$\begin{array}{r} 9,009 \\ + 5,006 \\ \hline \end{array}$$

5. $9 - 5 =$

6.
$$\begin{array}{r} 254 \\ - 49 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 3,346 \\ - 973 \\ \hline \end{array}$$

Multiplication

1. $7 \times 8 =$

2.
$$\begin{array}{r} 21 \\ \times 7 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 36 \\ \times 18 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 504 \\ \times 25 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 413 \\ \times 206 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 642 \\ \times 729 \\ \hline \end{array}$$

Division

1. $8 \overline{)16}$

2. $24 \div 6$

3. $5 \overline{)225}$

4. $11 \overline{)88}$

5. $18 \overline{)468}$

6. $3 \overline{)7296}$

Decimals

1. $2.5 + 16.5 =$

2. $34.4 \times .6 =$

3. $25 \div .5 =$

4. $175 \div 10 =$

5.
$$\begin{array}{r} \$14.50 \\ \quad .45 \\ + \quad \$1.19 \\ \hline \end{array}$$

Fractions

1. $\frac{1}{4} + \frac{2}{4} =$

2. $\frac{5}{8} - \frac{3}{8} =$

Fractions (continued)

3.
$$\begin{array}{r} 1 \frac{2}{6} \\ + \frac{3}{6} \\ \hline \end{array}$$

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

5. Change $\frac{15}{2}$
to a proper
fraction:

6. $\frac{1}{2} \times \frac{4}{6} =$

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

8. $2 \times \frac{1}{4}$

9. $\frac{1}{3}$ of 24 =

10. $\frac{3}{4} \div \frac{1}{5}$

Pre-Algebra

1. $3^2 =$

2. $7 \times (4 + 7) =$

3. $6 + 3 \times 11 =$

4. $m \div 4 = 8$

$m =$

5. 40% of 50 =

6. Compare: use
<, > or =

a. 75 ___ 45

b. 1.5 ___ 1.35

c. $\frac{3}{4}$ ___ $\frac{1}{4}$

d. $\frac{1}{3}$ ___ $\frac{1}{4}$

7. Finish the pattern:

1, 3, 9, 27, ____, ____,
____ .