

**Benchmark Test 1 Study Schedule:**

**Friday, November 3<sup>rd</sup>: Place Value**

Solve:

$9 \times 10^2$      $9 \times 100 = 900$

$8 \times 10^4$      $8 \times 10,000$   
80,000

Write the value of the underlined digit:

23,189,000  
80,000

9,289,401,000  
200,000,000

Write the following numbers in word form and expanded form:

32.301  
thirty-two and three hundred one thousandths  
 $30 + 2 + \frac{3}{10} + \frac{1}{1000}$

412.082    four hundred twelve and eighty-two thousandths  
 $400 + 10 + 2 + \frac{8}{100} + \frac{2}{1000}$

Rate your understanding on place value (circle one):

Need teacher assistance

Need more practice

I got it!

**Saturday, November 4<sup>th</sup>: Rounding & Comparing Decimals**

Round the following decimals to the nearest tenth.

23.712    23.7

431.45    431.5

Round the following decimals to the nearest hundredth:

89.317    89.32

7.009    7.01

Round the following decimals to the nearest whole number:

32.102    32

165.87    166

Compare the following decimals using <, > or =

6.3 = 6.30

5.032 < 5.320

Rate your understanding on rounding and comparing decimals (circle one):

Need teacher assistance

Need more practice

I got it!

Sunday, November 5<sup>th</sup>: Adding and subtracting decimals

Solve: Estimate to check for reasonableness.

Sam bought 9.9 kilograms of apples and 8.8 kilograms of oranges. How much fruit did he buy in all?

$10 + 9 = 19$   
Estimate

$$\begin{array}{r} 9.9 \\ + 8.8 \\ \hline 18.7 \end{array}$$

Sam bought 18.7 kg of fruit.

Reasonable!

Ruth bought a piece of fabric that was 5.74 meters long. Then she cut 4.9 meters of it off to use in a sewing project. How much fabric is left?

$6 - 5 = 1$  Estimate

$$\begin{array}{r} 5.74 \\ - 4.90 \\ \hline .84 \end{array}$$

There is .84 meters of fabric left.

Reasonable!

A chef bought 0.6 kilograms of almonds and 0.72 kilograms of pecans. How many kilograms of nuts did the chef buy in all?

$.6 \rightarrow 1$   
 $.72 \rightarrow 1$

$$\begin{array}{r} .60 \\ + .72 \\ \hline 1.32 \end{array}$$

The chef bought 1.32 kg. of nuts.

2 kg. (over estimate)

There were 9.1 gallons of water in Camille's bathtub. Then 5.51 gallons drained out. How much water is left in the bathtub?

$9.1 \rightarrow 9$   
 $5.51 \rightarrow 6$

$9 - 6 = 3$

$$\begin{array}{r} 9.10 \\ - 5.51 \\ \hline 3.59 \end{array}$$

There is 3.59 gallons of water left.

Rate your understanding on adding and subtracting decimals (circle one):

Need teacher assistance

Need more practice

I got it!

Monday, November 6<sup>th</sup>: Multiplying decimals

A cookie factory produced 125 packages of cookies. There were 90 cookies in each package. How many cookies did the factory produce in all?

$125 \times 100 = 12500$

$$\begin{array}{r} 125 \\ \times 90 \\ \hline 000 \\ 11250 \end{array}$$

The factories produced 11,250 cookies.

At a local school, 18 students are putting on a puppet show. Each student made 26 puppets for the show. How many puppets are there in all?

$20 \times 30 = 600$

$$\begin{array}{r} 26 \\ \times 18 \\ \hline 208 \\ 260 \\ \hline 468 \end{array}$$

There are 468 puppets!

BMT 1 November 9th

Dayton bought 51 bags of candy. There were 215 pieces of candy in each bag. How many pieces of candy did Dayton buy?

$$200 \times 50 = 10,000$$

$$\begin{array}{r} 215 \\ \times 51 \\ \hline 215 \\ 10750 \\ \hline 10965 \end{array}$$

Dayton bought 10,965 pieces of candy.

1242 x 89

$$\begin{array}{r} 1242 \\ \times 89 \\ \hline 11178 \\ 99360 \\ \hline 110538 \end{array}$$

432 x 89

$$\begin{array}{r} 432 \\ \times 89 \\ \hline 3888 \\ 34560 \\ \hline 38448 \end{array}$$

Rate your understanding on multiplying whole numbers (circle one):

Need teacher assistance

Need more practice

I got it!

Tuesday, November 7th: Multiplying decimals

Solve:

0.4 x 0.34

$$\begin{array}{r} 0.34 \\ \times 0.4 \\ \hline 136 \\ \hline .136 \end{array}$$

0.21 x 0.34

.0714

$$\begin{array}{r} 0.34 \\ \times 0.21 \\ \hline 34 \\ 680 \\ \hline 0714 \end{array}$$

5 x 0.32

$$\begin{array}{r} 32 \\ \times 5 \\ \hline 160 \end{array}$$

1.60

2 x 34.2

$$\begin{array}{r} 34.2 \\ \times 2 \\ \hline 68.4 \end{array}$$

68.4

2.3 x 4.23

$$\begin{array}{r} 4.23 \\ \times 2.3 \\ \hline 1269 \\ 8460 \\ \hline 9729 \end{array}$$

9.729

7.32 x 0.32

2.3424

$$\begin{array}{r} 7.32 \\ \times 0.32 \\ \hline 1464 \\ 21960 \\ \hline 23424 \end{array}$$

Miss Gray bought coffees before school for each of the 5 math teachers. Each coffee costs \$1.35. How much did the coffees cost? She paid with a 20 dollar bill. How much change did she receive?

Rate your understanding on multiplying decimals (circle one):

Need teacher assistance

Need more practice

I got it!