Name _____   Date _____

Estimating Whole Numbers

In this worksheet, we will practice estimating sums, differences, products, and quotients of whole numbers. Remember: sums are the answers you get from adding numbers, differences from subtracting, products from multiplying and quotients from dividing.

We estimate when we want to get a general idea of a sum, difference, product, or quotient, but don't need the exact number. It is also useful for mentally checking over your work.

Example 1:   Estimate the sum of 42 + 64.
42 is about 40 and 64 is about 60, so 100 would be a reasonable estimate.

Example 2: Estimate the quotient of 13 ÷ 4.
We know that 12 ÷ 4 = 3 and 13 is close to 12, so 3 would be a reasonable estimate.

<u>Exercise Questions</u>:

1. Estimate the sum of 149 + 51.

_____

2. Estimate the difference of
   204 – 99.

_____

3. Estimate the product of 7 x 68.

_____

4. Estimate the quotient of 149 ÷ 5.

_____

5. Which is a reasonable estimate of
   518 ÷ 5?

A) 10
B) 50
C) 104
D) 150

6. Which is a reasonable estimate of
   24 x 8?
   _____

A) 100
B) 200
C) 220
D) 260

Estimating Whole Numbers

In this worksheet, we will practice estimating sums, differences, products, and quotients of whole numbers. Remember: sums are the answers you get from adding numbers, differences from subtracting, products from multiplying and quotients from dividing.

We estimate when we want to get a general idea of a sum, difference, product, or quotient, but don't need the exact number. It is also useful for mentally checking over your work.

Example 1:   Estimate the sum of 42 + 64.
42 is about 40 and 64 is about 60, so 100 would be a reasonable estimate.

Example 2: Estimate the quotient of 13 ÷ 4.
We know that 12 ÷ 4 = 3 and 13 is close to 12, so 3 would be a reasonable estimate.

Exercise Questions:

1. Estimate the sum of 149 + 51.

___200_____

2. Estimate the difference of 204 – 99.

___100 or 105_____

3. Estimate the product of 7 x 68.

___490_____

4. Estimate the quotient of 149 ÷ 5.

___30_____

5. Which is a reasonable estimate of 518 ÷ 5?

A) 10
(B) 50)
C) 104
D) 150

6. Which is a reasonable estimate of 24 x 8?
_____

A) 100
(B) 200)
C) 220
D) 260