

Name _____

Estimate Decimal Sums and Differences

COMMON CORE STANDARD CC.5.NBT.7

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Use rounding to estimate.

1.
$$\begin{array}{r} 5.38 \\ +6.14 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 2.57 \\ +0.14 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 9.65 \\ -3.12 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 7.92 \\ +5.37 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +6 \\ \hline 11 \end{array}$$

Use benchmarks to estimate.

5.
$$\begin{array}{r} 2.81 \\ +3.72 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 12.54 \\ + 7.98 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 6.34 \\ +3.95 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 16.18 \\ - 5.94 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 17.09 \\ + 3.98 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 14.01 \\ - 4.51 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 11.47 \\ + 9.02 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 19.97 \\ -11.02 \\ \hline \end{array}$$

Problem Solving



13. Elian bought 1.87 pounds of chicken and 2.46 pounds of turkey at the deli. About how much meat did he buy altogether?

14. Jenna bought a gallon of milk at the store for \$3.58. About how much change did she receive from a \$20 bill?

Lesson Check (CC.5.NBT.7)

1. Regina has two electronic files. One has a size of 3.15 MB and the other has a size of 4.89 MB. Which is the best estimate of the total size of the two electronic files?
 (A) 7 MB
 (B) 7.5 MB
 (C) 8 MB
 (D) 8.5 MB
2. Madison is training for a marathon, which is 26.2 miles. She currently can run 18.5 miles in a day. About how many more miles in a day does she have to add to run the length of a marathon?
 (A) 8 miles
 (B) 7.5 miles
 (C) 6.5 miles
 (D) 6 miles

Spiral Review (CC.5.NBT.1, CC.5.NBT.3b, CC.5.NBT.4, CC.5.NBT.6)

3. A machine prints 8 banners in 120 seconds. How many seconds does it take to print one banner? (Lesson 2.2)
 (A) 10 seconds
 (B) 12 seconds
 (C) 15 seconds
 (D) 18 seconds
4. To which place value is the number rounded?
(Lesson 3.4)
5.319 to 5.3
 (A) ones
 (B) tenths
 (C) hundredths
 (D) thousandths
5. The average distance from Mars to the sun is about one hundred forty-one million, six hundred twenty thousand miles. How do you write the number that shows this distance in standard form? (Lesson 1.2)
 (A) 141,620
 (B) 1,416,200
 (C) 14,162,000
 (D) 141,620,000
6. Logan ate 1.438 pounds of grapes. His brother Ralph ate 1.44 pounds of grapes. Which brother ate more grapes? (Lesson 3.3)
 (A) Logan
 (B) Ralph
 (C) They ate the same amount of grapes.
 (D) There is not enough information to decide which brother ate more grapes.