Problem Solving
Skill 5 - 3M

Decimals

Karen bought 2.43 pounds of oranges and 3.7 pounds of apples. How many pounds of fruit did she buy in all?

Place a zero after 3.7 to make an equivalent decimal.

$$\begin{array}{r} 2.43 \\ + 3.70 \\ \hline 6.13 \end{array}$$

Placing one or more zeros to the right of the decimal point, after the last digit, does not change the value of the decimal.

3.70 is equivalent to 3.7

Solve.

1. Joey has 2 bags of marbles. One bag weighs 1.8 pounds. The other bag weighs 2.5 pounds. How many pounds of marbles does he have in all?

2. Steven and Miguel spent $42.65 at the state fair. Steven spent $21.98. How much did Miguel spend?

3. Sarah is measuring rainfall for a school project. She measured 3.8 inches of rain during the first month. The next month she measured 2.45 inches of rain. How many inches of rain fell during both months?

4. Paula has two Chihuahua puppies. The smaller puppy weighs 6.7 ounces. The larger puppy weighs 7.52 ounces. How many ounces do the puppies weigh together?

1. Joey has 2 bags of marbles. One bag weighs 1.8 pounds. The other bag weighs 2.5 pounds. How many pounds of marbles does he have in all?

$$\begin{array}{r} 1.8 \\ +\ 2.5 \\ \hline 4.3 \end{array}$$ pounds

2. Steven and Miguel spent $42.65 at the state fair. Steven spent $21.98. How much did Miguel spend?

$$\begin{array}{r} \$42.65 \\ -\ 21.98 \\ \hline 20.67 \end{array}$$

3. Sarah is measuring rainfall for a school project. She measured 3.8 inches of rain during the first month. The next month she measured 2.45 inches of rain. How many inches of rain fell during both months?

$$\begin{array}{r} 3.80 \\ +2.45 \\ \hline 6.25 \end{array}$$ inches of rain

4. Paula has two Chihuahua puppies. The smaller puppy weighs 6.7 ounces. The larger puppy weighs 7.52 ounces. How many ounces do the puppies weigh together?

$$\begin{array}{r} 6.70 \\ +\ 7.52 \\ \hline 14.22 \end{array}$$ ounces

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5. Martha went shopping to buy gifts for her friends. She bought a shirt for $7.95, a ring for $6 and a set of pens for $5.87. She had $5.13 left when she went home. How much money did she have before she went shopping?

$$\begin{array}{r} \$7.95 \\ 6.00 \\ 5.87 \\ +\ \ 5.13 \\ \hline 24.95 \end{array}$$

6. Pedro has $23.32. He has $8.67 more money than his friend Michael has. How much money does Michael have?

$$\begin{array}{r} \$23.32 \\ -\ \ 8.67 \\ \hline \end{array}$$
Michael has $14.65

7. Karen is saving money to buy a puppy. She has saved $243.48. The puppy she wants to buy cost $425. How much more money does she have to save to buy the puppy?

$$\begin{array}{r} \$425.00 \\ -\ 243.48 \\ \hline 181.52 \end{array}$$

8. Rainfall for the June, July and August in Tampa, Florida totaled 19.7 inches. June and July combined had rainfall of 12.1 inches. How many inches of rain fell in August?

$$\begin{array}{r} 19.7 \\ -\ 12.1 \\ \hline 7.6 \end{array}$$ inches of rain in August