

Name : \_\_\_\_\_

## Decimals

Add/Sub: S1

- 1) The state of Michigan recorded an all-time high snowfall of 355.9 inches during the winter of 1978-79. Its lowest snowfall of 81.3 inches was recorded during the winter of 1930-31. How much more snowfall did Michigan receive during the winter of 1978-79 than in 1930-31?
- 

- 2) Eric, a fitness enthusiast, visits a store and buys a Fitness Tracker for \$84.99 and a Heart Rate Bracelet Monitor for \$44.99. How much does Eric spend in all on his purchase?
- 

- 3) A one-year subscription of a science magazine costs \$37.00. If you were to buy 12 issues of the same magazine from a newsstand for a year, you would end up spending \$72.88. How much will you save by opting for a subscription?
- 

- 4) Sally used 8.74 inches of a ribbon to make a bow for her hairband and another 12.32 inches to make a bow for her hat. Determine the total length of ribbon used to make the bows.
- 

- 5) The Cooper family owns a luxury sedan and a compact car. The fuel tank capacity of the luxury sedan is 22.45 gallons and that of the compact car is 8.7 gallons. Find the difference in the fuel tank capacities of the two cars.
-

Name : \_\_\_\_\_

## Answer key

### Decimals

Add/Sub: S1

- 1) The state of Michigan recorded an all-time high snowfall of 355.9 inches during the winter of 1978-79. Its lowest snowfall of 81.3 inches was recorded during the winter of 1930-31. How much more snowfall did Michigan receive during the winter of 1978-79 than in 1930-31?

**274.6 inches**

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- 2) Eric, a fitness enthusiast, visits a store and buys a Fitness Tracker for \$84.99 and a Heart Rate Bracelet Monitor for \$44.99. How much does Eric spend in all on his purchase?

**\$129.98**

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- 3) A one-year subscription of a science magazine costs \$37.00. If you were to buy 12 issues of the same magazine from a newsstand for a year, you would end up spending \$72.88. How much will you save by opting for a subscription?

**\$35.88**

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- 4) Sally used 8.74 inches of a ribbon to make a bow for her hairband and another 12.32 inches to make a bow for her hat. Determine the total length of ribbon used to make the bows.

**21.06 inches**

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- 5) The Cooper family owns a luxury sedan and a compact car. The fuel tank capacity of the luxury sedan is 22.45 gallons and that of the compact car is 8.7 gallons. Find the difference in the fuel tank capacities of the two cars.

**13.75 gallons**

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Name : \_\_\_\_\_

## Decimals

Add/Sub: S2

- 1) On Easter, Melvin rode 41.5 miles to visit his grandmother in Chicago. On his way back home, he took a scenic route and covered a distance of 59.4 miles. How many miles in all did Melvin ride that day?
- 

- 2) A patient's body temperature was recorded as 99.8°F at 8 p.m. The temperature rose to 103.7°F by 11 p.m. Find the rise in body temperature between 8 p.m. and 11 p.m.
- 

- 3) Rhea clocked 35.6 minutes to reach the waterfall:
- 

- 4) Jenna places an order that transports 881.84 pounds of gravel up her drive. A dump truck was used to fill up the

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- 5) Nyles made a few purchases online. He ordered for a hand vacuum cleaner for \$59.87 and a regular vacuum cleaner for \$49.88. How much did Nyles swipe his card for?
-

Name : \_\_\_\_\_

## Answer key

### Decimals

Add/Sub: S2

- 1) On Easter, Melvin rode 41.5 miles to visit his grandmother in Chicago. On his way back home, he took a scenic route and covered a distance of 59.4 miles. How many miles in all did Melvin ride that day?

**100.9 miles**

- 2) A patient's body temperature was recorded as 99.8°F at 8 p.m. The temperature rose to 103.7°F by 11 p.m. Find the rise in body temperature between 8 p.m. and 11 p.m.

**3.9°**

- 3) Rhea clocked 35.6 minutes to reach the waterfall. How many more minutes did she have left to go another 19.3 minutes to

**54.9 min**

- 4) Jenna places an order for a dump truck to transport 881.84 pounds of gravel up her drive. A dump truck delivered 110.23 pounds of gravel. How much gravel was used to fill up the

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**771.61 pounds**

- 5) Nyles made a few purchases online. He ordered for a hand vacuum cleaner for \$59.87 and a regular vacuum cleaner for \$49.88. How much did Nyles swipe his card for?

**\$109.75**

Name : \_\_\_\_\_

## Decimals

Add/Sub: S3

- 1) Henry needs to perform a titration in the chemistry lab. He took 2.36 minutes to fill in solutions and fix the apparatus and 3.24 minutes to determine the concentration of the unknown solution. How much time in all did Henry take to complete the experiment?

\_\_\_\_\_

- 2) A discount sale is on at Bloomingdale's. Carl decides to buy a pair of branded jeans, the original price of which is \$69.50. If the mark down price on the pair of jeans to \$49.99, how much money does Carl save on h

\_\_\_\_\_

- 3) Jimmy's produce market recorded that he sold 85.12 pounds of produce. This was 12.5% more than the amount sold the previous day. An additional load of 15.25 pounds of potatoes in all did Jimmy's

\_\_\_\_\_

- 4) Victoria deposits two checks into her bank account. One check is written for \$42.67 and the other for \$35.89.

\_\_\_\_\_

- 5) Megan buys 11.65 pounds of salmon fillets from the supermarket and puts away 9.5 pounds in the freezer. She uses the remaining fillets to make a family dinner. How many pounds of salmon fillets did Megan cook that night?

\_\_\_\_\_

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**Decimals**

Add/Sub: S3

- 1) Henry needs to perform a titration in the chemistry lab. He took 2.36 minutes to fill in solutions and fix the apparatus and 3.24 minutes to determine the concentration of the unknown solution. How much time in all did Henry take to complete the experiment?

**5.6 minutes**

- 2) A discount sale is on at Bloomingdale's. Carl decides to buy a pair of branded jeans, the original price of which is \$69.50. If the mark down price on the pair of jeans to \$49.99, how much money does Carl save on h

**\$19.5**

- 3) Jimmy's produce market sells 85.12 pounds of produce per market re

**179.79 po**

- 4) Victoria deposits two checks into her bank account. One check is written for \$42.67 and the other for \$48.67.

**\$48.67**

- 5) Megan buys 11.65 pounds of salmon fillets from the supermarket and puts away 9.5 pounds in the freezer. She uses the remaining fillets to make a family dinner. How many pounds of salmon fillets did Megan cook that night?

**2.15 pounds**

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