

Decimals

Add/Sub: S1

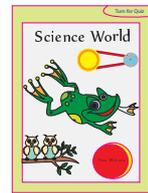
- 1) The state of Michigan recorded an all-time high snowfall of 355.9 inches during the winter of 1978-79. Its lowest snowfall of 81.3 inches was recorded during the winter of 1930-31. How much more snowfall did Michigan receive during the winter of 1978-79 than in 1930-31?



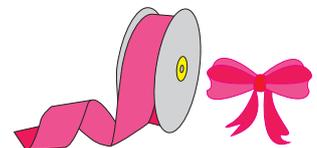
- 2) Eric, a fitness enthusiast, visits a store and buys a Fitness Tracker for \$84.99 and a Heart Rate Bracelet Monitor for \$44.99. How much did Eric spend in all on his purchase?



- 3) Martina paid \$37.00 towards a one-year subscription of a science magazine. If she had to buy 12 issues from the newsstand for a year, she would end up spending \$72.88. How much money did Martina save by opting for a subscription?



- 4) Sally used 8.74 inches of ribbon to make a bow for a hair band and another 12.32 inches of ribbon to make a bow for her hat. How many inches of ribbon did Sally use altogether to make the bows?



- 5) The Cooper family own a luxury and a compact car. The fuel tank capacity of the luxury sedan is 22.45 gallons. The compact car can hold 8.7 gallons of fuel. What is the difference between the fuel tank capacities of the two cars?



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



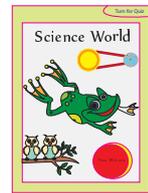
- 2) Eric, a fitness enthusiast, visits a store and buys a Fitness Tracker for \$84.99 and a Heart Rate Bracelet Monitor for \$44.99. How much did Eric spend in all on his purchase?

\$129.98



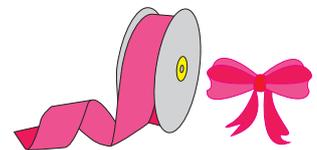
- 3) Martina paid \$37.00 towards a one-year subscription of a science magazine. If she had to buy 12 issues from the newsstand for a year, she would end up spending \$72.88. How much money did Martina save by opting for a subscription?

\$35.88



- 4) Sally used 8.74 inches of ribbon to make a bow for a hair band and another 12.32 inches of ribbon to make a bow for her hat. How many inches of ribbon did Sally use altogether to make the bows?

21.06 inches



- 5) The Cooper family own a luxury and a compact car. The fuel tank capacity of the luxury sedan is 22.45 gallons. The compact car can hold 8.7 gallons of fuel. What is the difference between the fuel tank capacities of the two cars?

13.75 gallons



Decimals

Add/Sub: S2

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



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



- 3) Rhea used a stopwatch to time her non-stop hike. She took 35.6 minutes to complete a hiking trail. She then followed a small trail to reach the waterfalls which took her another 19.3 minutes. How much time in all did Rhea take to reach the waterfalls?



- 4) Jenna places an order for gravel from a home improvement store to fill up her drive way. A dump truck transported 881.84 pounds of gravel to Jenna's residence. If 110.23 pounds of gravel remain unused, how many pounds of gravel was used to fill the drive way?



- 5) Nyles made a few purchases online which had no delivery charges. He chose to buy a hand vacuum cleaner for $\$74.67$ and a regular vacuum cleaner for $\$49.88$. How much did Nyles spend in total on his online purchases?



Answer key**Decimals**

Add/Sub: S2

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

100.9 miles



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

3.9°F



- 3) Rhea used a stopwatch to time her non-stop hike. She took 35.6 minutes to complete a hiking trail. She then followed a small trail to reach the waterfalls which took her another 19.3 minutes. How much time in all did Rhea take to reach the waterfalls?

54.9 minutes



- 4) Jenna places an order for gravel from a home improvement store to fill up her drive way. A dump truck transported 881.84 pounds of gravel to Jenna's residence. If 110.23 pounds of gravel remain unused, how many pounds of gravel was used to fill the drive way?

771.61 pounds



- 5) Nyles made a few purchases online which had no delivery charges. He chose to buy a hand vacuum cleaner for $\$74.67$ and a regular vacuum cleaner for $\$49.88$. How much did Nyles spend in total on his online purchases?

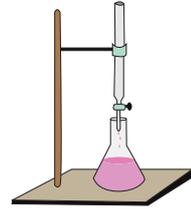
$\$124.55$



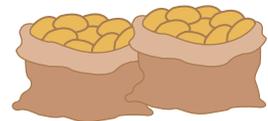
Decimals

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 find the concentration of the unknown solution. How much time in all did Henry take to complete the experiment?



- 2) A local farmers' market delivered 94.67 pounds of potatoes to a retail shop on Saturday. On Sunday, it received another load of 85.12 pounds of potatoes from the farmers' market. How many pounds of potatoes in all did the farmers' market deliver to the retail shop, over the weekend?



- 3) A discount sale is on at Bloomingdale's. Carl decides to buy a pair of branded jeans, the original price of which is \$69.5. If the markdown price on the pair of jeans is \$49.99, how much money does Carl save on his purchase at Bloomingdale's?



- 4) Victoria deposits two checks that are worth \$91.34 in all, into her checking account. If one check is written for \$45.67, how much is the other check worth?



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

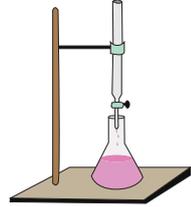


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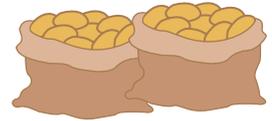
- 1) Henry needs to perform a titration in the chemistry lab. He took 2.36 minutes to fill in solutions and fix the apparatus and 3.24 minutes to find the concentration of the unknown solution. How much time in all did Henry take to complete the experiment?

5.6 minutes



- 2) A local farmers' market delivered 94.67 pounds of potatoes to a retail shop on Saturday. On Sunday, it received another load of 85.12 pounds of potatoes from the farmers' market. How many pounds of potatoes in all did the farmers' market deliver to the retail shop, over the weekend?

178.79 pounds



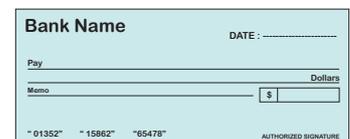
- 3) A discount sale is on at Bloomingdale's. Carl decides to buy a pair of branded jeans, the original price of which is \$69.5. If the markdown price on the pair of jeans is \$49.99, how much money does Carl save on his purchase at Bloomingdale's?

\$19.51



- 4) Victoria deposits two checks that are worth \$91.34 in all, into her checking account. If one check is written for \$45.67, how much is the other check worth?

\$45.67



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

2.15 pounds

