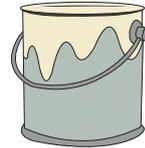


**Decimals**

Div: S1

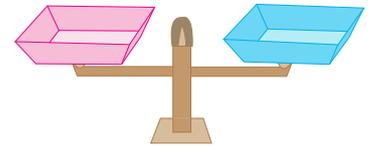
Solve each problem. Round the answer to two decimal places.

- 1) Mr. Williams decides to buy 12 gallons of ivory paint to do up the exteriors of his home. If he is billed a total of \$305.46 for 12 gallons of paint, how much does one gallon of paint cost?



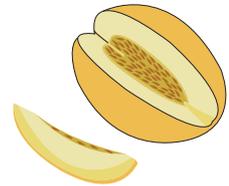
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- 2) Jack weighs 179 pounds on the weighing scale. He wants to calculate his weight in kilograms. If 1 kilogram equals 2.2 pounds, help Jack convert his weight in kilograms.



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- 3) Kenny buys 5 honeydew melons from a supermarket. If they totally weigh 27.52 pounds, how much will one melon on an average weigh?



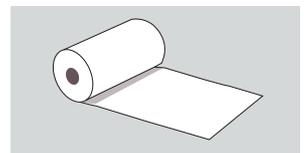
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- 4) Leah packs 811.44 ounces of mineral water in her backpack. She wants to measure the water in liters. If 1 liter equals 33.81 ounces, how many liters of water is Leah carrying in her backpack?



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- 5) Nina goes to the neighborhood store to buy 14 rolls of paper towels. If she pays \$20.02 in all for her purchase, how much does one roll of paper towel cost?



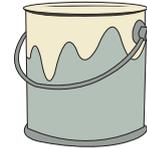
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**Answer key****Decimals**

Div: S1

Solve each problem. Round the answer to two decimal places.

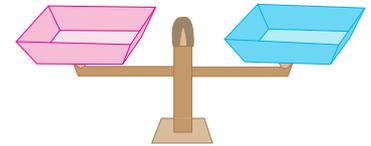
- 1) Mr. Williams decides to buy 12 gallons of ivory paint to do up the exteriors of his home. If he is billed a total of \$305.46 for 12 gallons of paint, how much does one gallon of paint cost?



**\$25.46**

---

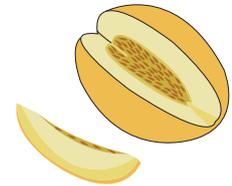
- 2) Jack weighs 179 pounds on the weighing scale. He wants to calculate his weight in kilograms. If 1 kilogram equals 2.2 pounds, help Jack convert his weight in kilograms.



**81.36 kilograms**

---

- 3) Kenny buys 5 honeydew melons from a supermarket. If they totally weigh 27.52 pounds, how much will one melon on an average weigh?



**5.50 pounds**

---

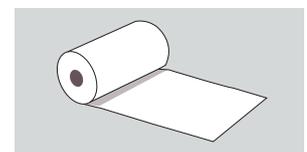
- 4) Leah packs 811.44 ounces of mineral water in her backpack. She wants to measure the water in liters. If 1 liter equals 33.81 ounces, how many liters of water is Leah carrying in her backpack?



**24 liters**

---

- 5) Nina goes to the neighborhood store to buy 14 rolls of paper towels. If she pays \$20.02 in all for her purchase, how much does one roll of paper towel cost?



**\$1.43**

---

**Decimals**

Div: S2

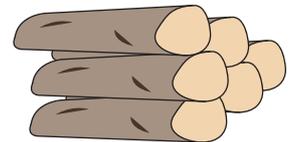
Solve each problem. Round the answer to two decimal places.

- 1) Elizabeth Hawson deposits \$915.6 into her checking account. A week later, she writes 3 checks for her grandchildren. She split the amount deposited in her checking account equally among her grandchildren. How much was each check written for?



---

- 2) An old oak tree in Jamie's backyard was uprooted due to a hurricane. The trunk of the fallen oak tree measured 45.6 feet in length. If Jamie chops the tree trunk into 12 equal logs, what is the length of one log of wood?



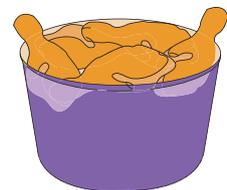
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- 3) Kate used 40.5 pounds of all purpose flour to bake 27 loaves of pound cake. Calculate the average amount of flour used for each loaf of cake?



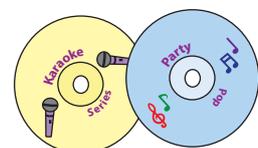
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- 4) Alice is hosting a huge barbecue party. She buys 34 pounds of chicken thighs from the local store. If she is billed for \$34.11 in total, how much does a pound of chicken thighs cost?



---

- 5) Veronica bought 7 DVD's during a Super Sunday Sale at a bookstore. If she purchased the entire lot for \$125.72, how much did each DVD cost?



---



**Decimals**

Div: S3

Solve each problem. Round the answer to two decimal places.

- 1) Caleb has a rectangular lawn whose area is 48.2 square yards. If the width of the lawn measures 4 yards, find the length of the lawn. (Length = Area / width)



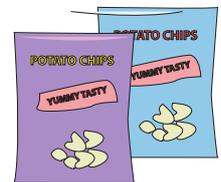
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- 2) Stacy pours 152.1 fl.oz of lemonade equally into 9 bottles of the same size, without spillage. How many fluid ounces of lemonade will one bottle contain?



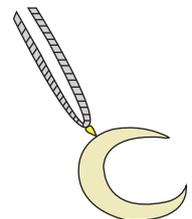
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- 3) Mary swipes her debit card for \$17.25 on the purchase of 5 bags of potato chips. How much does a bag of potato chips cost?



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- 4) Helen uses 93 inches of black leather cord to make necklaces with moon charms. If each necklace measures 18.6 inches, how many moon charm necklaces does Helen make in all?



---

- 5) On Sunday, Allen goes for his morning walk to the East Valley Park. He takes 28.56 minutes to complete 8 laps around the circular track in the park. How much time does Allen take in an average to complete one lap?



---

**Answer key****Decimals**

Div: S3

Solve each problem. Round the answer to two decimal places.

- 1) Caleb has a rectangular lawn whose area is 48.2 square yards. If the width of the lawn measures 4 yards, find the length of the lawn. (Length = Area / width)



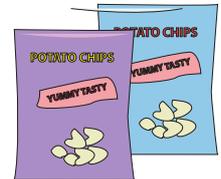
**12.05 yards**

- 2) Stacy pours 152.1 fl.oz of lemonade equally into 9 bottles of the same size, without spillage. How many fluid ounces of lemonade will one bottle contain?



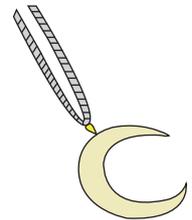
**16.9 fluid ounces**

- 3) Mary swipes her debit card for \$17.25 on the purchase of 5 bags of potato chips. How much does a bag of potato chips cost?



**\$3.45**

- 4) Helen uses 93 inches of black leather cord to make necklaces with moon charms. If each necklace measures 18.6 inches, how many moon charm necklaces does Helen make in all?



**5 necklaces**

- 5) On Sunday, Allen goes for his morning walk to the East Valley Park. He takes 28.56 minutes to complete 8 laps around the circular track in the park. How much time does Allen take in an average to complete one lap?



**3.57 minutes**