



Two Step Problems

Name: _____

Solve each problem.

- 1) A restaurant owner bought 4 boxes of disposable cups for \$150, with each box containing 1,298 cups. If he wanted to divvy up the cups among his 2 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?

- 2) A king size candy bars costs \$1 with each candy bar having 1,992 calories. If you bought 9 candy bars and took 4 days eating them (eating the same amount each day) how many calories would you consume a day?

- 3) At a potato chip factory there were 39 machines working with each machine able to produce 90 chips a minute. If this is enough potato chips to fill 5 shipping boxes, how many chips are there per box?

- 4) Nancy was planning to marathon watch episodes of her favorite show. The show had 27 episodes with each episode lasting exactly 22 minutes. If she planned to spend 9 days watching the show how many minutes should she watch each day?

- 5) The owner of a malt shop spent \$3 buying 2 boxes of cups with each box containing 579 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?

- 6) At Olivia's bakery over the course of a year she sold 48 birthday cakes for \$62 a cake. At the end of the year she determined that for each cake she sold she had spent $1/4$ of the sale price on ingredients. How much money did she spend on ingredients for cakes?

- 7) While playing a game Lana defeated 3 enemies with each enemy defeated earning her 2,799 points. If she traded in all her points for 9 extra lives, how many points is it per life?

- 8) A developer was buying land. He bought 4 acres at \$1,332 per acre. He then split the land he purchased into 9 lots. How much should he sell each lot for just to break even?

Answers

1. _____
2. _____
3. _____
4. _____

5. _____
6. _____
7. _____
8. _____



Two Step Problems

Name: **Answer Key**

Solve each problem.

- 1) A restaurant owner bought 4 boxes of disposable cups for \$150, with each box containing 1,298 cups. If he wanted to divvy up the cups among his 2 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?
2) A king size candy bars costs \$1 with each candy bar having 1,992 calories. If you bought 9 candy bars and took 4 days eating them (eating the same amount each day) how many calories would you consume a day?
3) At a potato chip factory there were 39 machines working with each machine able to produce 90 chips a minute. If this is enough potato chips to fill 5 shipping boxes, how many chips are there per box?
4) Nancy was planning to marathon watch episodes of her favorite show. The show had 27 episodes with each episode lasting exactly 22 minutes. If she planned to spend 9 days watching the show how many minutes should she watch each day?
5) The owner of a malt shop spent \$3 buying 2 boxes of cups with each box containing 579 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?
6) At Olivia's bakery over the course of a year she sold 48 birthday cakes for \$62 a cake. At the end of the year she determined that for each cake she sold she had spent $1/4$ of the sale price on ingredients. How much money did she spend on ingredients for cakes?
7) While playing a game Lana defeated 3 enemies with each enemy defeated earning her 2,799 points. If she traded in all her points for 9 extra lives, how many points is it per life?
8) A developer was buying land. He bought 4 acres at \$1,332 per acre. He then split the land he purchased into 9 lots. How much should he sell each lot for just to break even?

Answers

1. **2,596**
2. **4,482**
3. **702**
4. **66**
5. **386**
6. **744**
7. **933**
8. **592**