Two Step Problems

Name: _____

Solve each problem.

Answers

1) At a potato chip factory there were 66 machines working with each machine able to produce 45 chips a minute. If this is enough potato chips to fill 3 shipping boxes, how many chips are there per box?

2) The owner of a malt shop spent $2 buying 2 boxes of cups with each box containing 940 cups. If he expected the cups to last 4 months, how many cups does he plan to use each month?

3) An industrial machine made 3,862 cans of diet sodas and 6 times as many regular sodas over the course of 55 minutes. The regular sodas were then placed into 2 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

4) Tiffany was planning to marathon watch episodes of her favorite show. The show had 42 episodes with each episode lasting exactly 21 minutes. If she planned to spend 7 days watching the show how many minutes should she watch each day?

5) At Paige's bakery over the course of a year she sold 62 birthday cakes for $68 a cake. At the end of the year she determined that for each cake she sold she had spent 1/2 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

6) A contractor bought 40 boxes of nails at a price of $2 per box. Each box contained contained 21 nails. If he distributed the nails to the 7 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

7) Haley's mother had 11 small photo albums filled with 86 photos in each. In order to save some space she bought 2 larger albums with each album having 75 pages. If she wanted to put all her pictures into the large albums, with the same number of pictures in each, how many pictures should be in each album?

8) Mike developed a game for phones that he sold for $1. After the first week he discovered he had 7,168 downloads from girls and 9 times as many boys download the game. Of the boys who downloaded it he only had 1/8 who bought the full game. How many boys bought the full game?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

1-8	88	75	63	50	38	25	13	0

Math

Name:

Solve each problem.

Answers

1) At a potato chip factory there were 66 machines working with each machine able to produce 45 chips a minute. If this is enough potato chips to fill 3 shipping boxes, how many chips are there per box?

1. _____ **990**

2) The owner of a malt shop spent $2 buying 2 boxes of cups with each box containing 940 cups. If he expected the cups to last 4 months, how many cups does he plan to use each month?

2. _____ **470**

3. _____ **11,586**

4. _____ **126**

3) An industrial machine made 3,862 cans of diet sodas and 6 times as many regular sodas over the course of 55 minutes. The regular sodas were then placed into 2 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

5. _____ **2,108**

6. _____ **120**

7. _____ **473**

4) Tiffany was planning to marathon watch episodes of her favorite show. The show had 42 episodes with each episode lasting exactly 21 minutes. If she planned to spend 7 days watching the show how many minutes should she watch each day?

8. _____ **8,064**

5) At Paige's bakery over the course of a year she sold 62 birthday cakes for $68 a cake. At the end of the year she determined that for each cake she sold she had spent 1/2 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

6) A contractor bought 40 boxes of nails at a price of $2 per box. Each box contained contained 21 nails. If he distributed the nails to the 7 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

7) Haley's mother had 11 small photo albums filled with 86 photos in each. In order to save some space she bought 2 larger albums with each album having 75 pages. If she wanted to put all her pictures into the large albums, with the same number of pictures in each, how many pictures should be in each album?

8) Mike developed a game for phones that he sold for $1. After the first week he discovered he had 7,168 downloads from girls and 9 times as many boys download the game. Of the boys who downloaded it he only had 1/8 who bought the full game. How many boys bought the full game?