Solve each problem.

1) Adam and Faye were comparing their Halloween candy. Adam received 3 times as much candy as Faye received. Adam then split his candy evenly into 5 piles to eat later. If Faye received 40 ounces of candy, how many ounces of candy would be in each of Adam's piles?

1. _____

2. _____

2) At Robin's bakery over the course of a year she sold 36 birthday cakes for $85 a cake. At the end of the year she determined that for each cake she sold she had spent 1/3 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

3. _____

4. _____

5. _____

3) A king size candy bars costs $1 with each candy bar having 1,140 calories. If you bought 3 candy bars and took 6 days eating them (eating the same amount each day) how many calories would you consume a day?

6. _____

7. _____

4) Carol was trying to save up $385. At her job she made $14 an hour and she worked 33 hours a week. After paying for her food and other expenditures she ended up only saving 1/2 of her weeks earnings. How much money did she save up each week?

8. _____

5) Tiffany's mother had 12 small photo albums filled with 27 photos in each. In order to save some space she bought 9 larger albums with each album having 50 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?

6) A developer was buying land. He bought 4 acres at $1,099 per acre. He then split the land he purchased into 7 lots. How much should he sell each lot for just to break even?

7) Jerry developed a game for phones that he sold for $2. After the first week he discovered he had 1,870 downloads from girls and 4 times as many boys download the game. Of the boys who downloaded it he only had 1/5 who bought the full game. How many boys bought the full game?

8) At a potato chip factory there were 90 machines working with each machine able to produce 88 chips a minute. If this is enough potato chips to fill 8 shipping boxes, how many chips are there per box?

1-8	88	75	63	50	38	25	13	0

Name:

Solve each problem.

Answers

1) Adam and Faye were comparing their Halloween candy. Adam received 3 times as much candy as Faye received. Adam then split his candy evenly into 5 piles to eat later. If Faye received 40 ounces of candy, how many ounces of candy would be in each of Adam's piles?

1. **24**

2) At Robin's bakery over the course of a year she sold 36 birthday cakes for $85 a cake. At the end of the year she determined that for each cake she sold she had spent 1/3 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

2. **1,020**

3. **570**

4. **231**

3) A king size candy bars costs $1 with each candy bar having 1,140 calories. If you bought 3 candy bars and took 6 days eating them (eating the same amount each day) how many calories would you consume a day?

5. **36**

6. **628**

7. **1,496**

4) Carol was trying to save up $385. At her job she made $14 an hour and she worked 33 hours a week. After paying for her food and other expenditures she ended up only saving 1/2 of her weeks earnings. How much money did she save up each week?

8. **990**

5) Tiffany's mother had 12 small photo albums filled with 27 photos in each. In order to save some space she bought 9 larger albums with each album having 50 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?

6) A developer was buying land. He bought 4 acres at $1,099 per acre. He then split the land he purchased into 7 lots. How much should he sell each lot for just to break even?

7) Jerry developed a game for phones that he sold for $2. After the first week he discovered he had 1,870 downloads from girls and 4 times as many boys download the game. Of the boys who downloaded it he only had 1/5 who bought the full game. How many boys bought the full game?

8) At a potato chip factory there were 90 machines working with each machine able to produce 88 chips a minute. If this is enough potato chips to fill 8 shipping boxes, how many chips are there per box?

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Name: _____

Solve each problem.

1) Haley was planning to marathon watch episodes of her favorite show. The show had 10 episodes with each episode lasting exactly 24 minutes. If she planned to spend 5 days watching the show how many minutes should she watch each day?

1. _____

2. _____

2) A developer was buying land. He bought 6 acres at $1,575 per acre. He then split the land he purchased into 3 lots. How much should he sell each lot for just to break even?

3. _____

4. _____

5. _____

3) A king size candy bars costs $1 with each candy bar having 1,986 calories. If you bought 2 candy bars and took 3 days eating them (eating the same amount each day) how many calories would you consume a day?

6. _____

7. _____

4) A restaurant owner bought 3 boxes of disposable cups for $107, with each box containing 4,384 cups. If he wanted to divvy up the cups among his 8 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?

8. _____

5) Amy was trying to save up $346. At her job she made $14 an hour and she worked 33 hours a week. After paying for her food and other expenditures she ended up only saving 1/7 of her weeks earnings. How much money did she save up each week?

6) Victor and Vanessa were comparing their Halloween candy. Victor received 4 times as much candy as Vanessa received. Victor then split his candy evenly into 3 piles to eat later. If Vanessa received 84 ounces of candy, how many ounces of candy would be in each of Victor's piles?

7) At a potato chip factory there were 50 machines working with each machine able to produce 48 chips a minute. If this is enough potato chips to fill 8 shipping boxes, how many chips are there per box?

8) While playing a game Debby defeated 9 enemies with each enemy defeated earning her 5,928 points. If she traded in all her points for 8 extra lives, how many points is it per life?

Name:

Solve each problem.

Answers

1) Haley was planning to marathon watch episodes of her favorite show. The show had 10 episodes with each episode lasting exactly 24 minutes. If she planned to spend 5 days watching the show how many minutes should she watch each day?

2) A developer was buying land. He bought 6 acres at $1,575 per acre. He then split the land he purchased into 3 lots. How much should he sell each lot for just to break even?

3) A king size candy bars costs $1 with each candy bar having 1,986 calories. If you bought 2 candy bars and took 3 days eating them (eating the same amount each day) how many calories would you consume a day?

4) A restaurant owner bought 3 boxes of disposable cups for $107, with each box containing 4,384 cups. If he wanted to divvy up the cups among his 8 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?

5) Amy was trying to save up $346. At her job she made $14 an hour and she worked 33 hours a week. After paying for her food and other expenditures she ended up only saving 1/7 of her weeks earnings. How much money did she save up each week?

6) Victor and Vanessa were comparing their Halloween candy. Victor received 4 times as much candy as Vanessa received. Victor then split his candy evenly into 3 piles to eat later. If Vanessa received 84 ounces of candy, how many ounces of candy would be in each of Victor's piles?

7) At a potato chip factory there were 50 machines working with each machine able to produce 48 chips a minute. If this is enough potato chips to fill 8 shipping boxes, how many chips are there per box?

8) While playing a game Debby defeated 9 enemies with each enemy defeated earning her 5,928 points. If she traded in all her points for 8 extra lives, how many points is it per life?

#	Answer
1.	**48**
2.	**3,150**
3.	**1,324**
4.	**1,644**
5.	**66**
6.	**112**
7.	**300**
8.	**6,669**

1-8	88	75	63	50	38	25	13	0

Solve each problem.

1) A contractor bought 37 boxes of nails at a price of $3 per box. Each box contained contained 68 nails. If he distributed the nails to the 2 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

1. _____

2. _____

2) While playing a game Olivia defeated 6 enemies with each enemy defeated earning her 5,391 points. If she traded in all her points for 9 extra lives, how many points is it per life?

3. _____

4. _____

3) At a potato chip factory there were 11 machines working with each machine able to produce 72 chips a minute. If this is enough potato chips to fill 2 shipping boxes, how many chips are there per box?

5. _____

6. _____

7. _____

4) A restaurant owner bought 5 boxes of disposable cups for $72, with each box containing 1,784 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?

8. _____

5) At the flea market Cody found 2 buckets of LEGOs with each bucket containing 9,964 LEGO pieces. If he wanted to split the LEGO pieces into 4 piles, how many pieces should he put into each pile?

6) Kaleb developed a game for phones that he sold for $2. After the first week he discovered he had 7,320 downloads from girls and 2 times as many boys download the game. Of the boys who downloaded it he only had 1/6 who bought the full game. How many boys bought the full game?

7) A developer was buying land. He bought 4 acres at $1,791 per acre. He then split the land he purchased into 9 lots. How much should he sell each lot for just to break even?

8) Over the course of 20 weeks Vanessa collected 18 pounds of cans to recycle and Edward collected 6 times as much as Vanessa. Edward then put his collection into 9 bags to take to the recycling center. How many pounds of cans did Edward put into each bag?

Name:

Solve each problem.

Answers

1) A contractor bought 37 boxes of nails at a price of $3 per box. Each box contained contained 68 nails. If he distributed the nails to the 2 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

1. _____**1,258**_____

2. _____**3,594**_____

2) While playing a game Olivia defeated 6 enemies with each enemy defeated earning her 5,391 points. If she traded in all her points for 9 extra lives, how many points is it per life?

3. _____**396**_____

4. _____**4,460**_____

5. _____**4,982**_____

3) At a potato chip factory there were 11 machines working with each machine able to produce 72 chips a minute. If this is enough potato chips to fill 2 shipping boxes, how many chips are there per box?

6. _____**2,440**_____

7. _____**796**_____

4) A restaurant owner bought 5 boxes of disposable cups for $72, with each box containing 1,784 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?

8. _____**12**_____

5) At the flea market Cody found 2 buckets of LEGOs with each bucket containing 9,964 LEGO pieces. If he wanted to split the LEGO pieces into 4 piles, how many pieces should he put into each pile?

6) Kaleb developed a game for phones that he sold for $2. After the first week he discovered he had 7,320 downloads from girls and 2 times as many boys download the game. Of the boys who downloaded it he only had 1/6 who bought the full game. How many boys bought the full game?

7) A developer was buying land. He bought 4 acres at $1,791 per acre. He then split the land he purchased into 9 lots. How much should he sell each lot for just to break even?

8) Over the course of 20 weeks Vanessa collected 18 pounds of cans to recycle and Edward collected 6 times as much as Vanessa. Edward then put his collection into 9 bags to take to the recycling center. How many pounds of cans did Edward put into each bag?

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Two Step Problems

Name: _____

Solve each problem.

1) At a potato chip factory there were 13 machines working with each machine able to produce 81 chips a minute. If this is enough potato chips to fill 9 shipping boxes, how many chips are there per box?

2) A contractor bought 81 boxes of nails at a price of $1 per box. Each box contained contained 32 nails. If he distributed the nails to the 8 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

3) Janet's mother had 24 small photo albums filled with 90 photos in each. In order to save some space she bought 6 larger albums with each album having 88 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?

4) George developed a game for phones that he sold for $1. After the first week he discovered he had 2,691 downloads from girls and 8 times as many boys download the game. Of the boys who downloaded it he only had 1/9 who bought the full game. How many boys bought the full game?

5) A developer was buying land. He bought 6 acres at $1,416 per acre. He then split the land he purchased into 8 lots. How much should he sell each lot for just to break even?

6) At the flea market Edward found 3 buckets of LEGOs with each bucket containing 3,074 LEGO pieces. If he wanted to split the LEGO pieces into 2 piles, how many pieces should he put into each pile?

7) While playing a game Katie defeated 3 enemies with each enemy defeated earning her 6,454 points. If she traded in all her points for 7 extra lives, how many points is it per life?

8) At Maria's bakery over the course of a year she sold 68 birthday cakes for $88 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?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Solve each problem.

Answers

1) At a potato chip factory there were 13 machines working with each machine able to produce 81 chips a minute. If this is enough potato chips to fill 9 shipping boxes, how many chips are there per box?

1. _____**117**_____

2. _____**324**_____

2) A contractor bought 81 boxes of nails at a price of $1 per box. Each box contained contained 32 nails. If he distributed the nails to the 8 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

3. _____**360**_____

4. _____**2,392**_____

5. _____**1,062**_____

3) Janet's mother had 24 small photo albums filled with 90 photos in each. In order to save some space she bought 6 larger albums with each album having 88 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?

6. _____**4,611**_____

7. _____**2,766**_____

4) George developed a game for phones that he sold for $1. After the first week he discovered he had 2,691 downloads from girls and 8 times as many boys download the game. Of the boys who downloaded it he only had 1/9 who bought the full game. How many boys bought the full game?

8. _____**1,496**_____

5) A developer was buying land. He bought 6 acres at $1,416 per acre. He then split the land he purchased into 8 lots. How much should he sell each lot for just to break even?

6) At the flea market Edward found 3 buckets of LEGOs with each bucket containing 3,074 LEGO pieces. If he wanted to split the LEGO pieces into 2 piles, how many pieces should he put into each pile?

7) While playing a game Katie defeated 3 enemies with each enemy defeated earning her 6,454 points. If she traded in all her points for 7 extra lives, how many points is it per life?

8) At Maria's bakery over the course of a year she sold 68 birthday cakes for $88 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?

Solve each problem.

1) A donation center had filled up 43 small bins with canned food with each bin containing 70 cans. They plan to send the cans out to 7 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?

1. _____

2. _____

2) An industrial machine made 5,551 cans of diet sodas and 3 times as many regular sodas over the course of 57 minutes. The regular sodas were then placed into 7 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

3. _____

4. _____

5. _____

3) Nancy was trying to save up $366. At her job she made $10 an hour and she worked 30 hours a week. After paying for her food and other expenditures she ended up only saving 1/5 of her weeks earnings. How much money did she save up each week?

6. _____

7. _____

4) Paige was planning to marathon watch episodes of her favorite show. The show had 55 episodes with each episode lasting exactly 29 minutes. If she planned to spend 5 days watching the show how many minutes should she watch each day?

8. _____

5) At Vanessa's bakery over the course of a year she sold 30 birthday cakes for $84 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) The owner of a malt shop spent $3 buying 4 boxes of cups with each box containing 408 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?

7) A king size candy bars costs $3 with each candy bar having 1,729 calories. If you bought 8 candy bars and took 7 days eating them (eating the same amount each day) how many calories would you consume a day?

8) A contractor bought 25 boxes of nails at a price of $2 per box. Each box contained contained 63 nails. If he distributed the nails to the 9 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Name:

Solve each problem.

Answers

1) A donation center had filled up 43 small bins with canned food with each bin containing 70 cans. They plan to send the cans out to 7 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?

1. _____ **430**

2. _____ **2,379**

2) An industrial machine made 5,551 cans of diet sodas and 3 times as many regular sodas over the course of 57 minutes. The regular sodas were then placed into 7 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

3. _____ **60**

4. _____ **319**

3) Nancy was trying to save up $366. At her job she made $10 an hour and she worked 30 hours a week. After paying for her food and other expenditures she ended up only saving 1/5 of her weeks earnings. How much money did she save up each week?

5. _____ **1,260**

6. _____ **544**

4) Paige was planning to marathon watch episodes of her favorite show. The show had 55 episodes with each episode lasting exactly 29 minutes. If she planned to spend 5 days watching the show how many minutes should she watch each day?

7. _____ **1,976**

8. _____ **175**

5) At Vanessa's bakery over the course of a year she sold 30 birthday cakes for $84 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) The owner of a malt shop spent $3 buying 4 boxes of cups with each box containing 408 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?

7) A king size candy bars costs $3 with each candy bar having 1,729 calories. If you bought 8 candy bars and took 7 days eating them (eating the same amount each day) how many calories would you consume a day?

8) A contractor bought 25 boxes of nails at a price of $2 per box. Each box contained contained 63 nails. If he distributed the nails to the 9 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Solve each problem.

1) Debby was planning to marathon watch episodes of her favorite show. The show had 56 episodes with each episode lasting exactly 29 minutes. If she planned to spend 7 days watching the show how many minutes should she watch each day?

1. _____

2. _____

2) Frank developed a game for phones that he sold for $2. After the first week he discovered he had 3,424 downloads from girls and 6 times as many boys download the game. Of the boys who downloaded it he only had 1/4 who bought the full game. How many boys bought the full game?

3. _____

4. _____

5. _____

3) Over the course of 13 weeks Vanessa collected 12 pounds of cans to recycle and Oliver collected 8 times as much as Vanessa. Oliver then put his collection into 4 bags to take to the recycling center. How many pounds of cans did Oliver put into each bag?

6. _____

7. _____

4) At Maria's bakery over the course of a year she sold 96 birthday cakes for $51 a cake. At the end of the year she determined that for each cake she sold she had spent 1/8 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

8. _____

5) An industrial machine made 3,620 cans of diet sodas and 3 times as many regular sodas over the course of 59 minutes. The regular sodas were then placed into 4 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

6) At the flea market Dave found 7 buckets of LEGOs with each bucket containing 4,671 LEGO pieces. If he wanted to split the LEGO pieces into 3 piles, how many pieces should he put into each pile?

7) A king size candy bars costs $1 with each candy bar having 1,544 calories. If you bought 3 candy bars and took 4 days eating them (eating the same amount each day) how many calories would you consume a day?

8) Carol's mother had 15 small photo albums filled with 72 photos in each. In order to save some space she bought 8 larger albums with each album having 39 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?

Name:

Solve each problem.

Answers

1) Debby was planning to marathon watch episodes of her favorite show. The show had 56 episodes with each episode lasting exactly 29 minutes. If she planned to spend 7 days watching the show how many minutes should she watch each day?

1. _____ **232** _____

2) Frank developed a game for phones that he sold for $2. After the first week he discovered he had 3,424 downloads from girls and 6 times as many boys download the game. Of the boys who downloaded it he only had 1/4 who bought the full game. How many boys bought the full game?

2. _____ **5,136** _____

3. _____ **24** _____

3) Over the course of 13 weeks Vanessa collected 12 pounds of cans to recycle and Oliver collected 8 times as much as Vanessa. Oliver then put his collection into 4 bags to take to the recycling center. How many pounds of cans did Oliver put into each bag?

4. _____ **612** _____

5. _____ **2,715** _____

6. _____ **10,899** _____

4) At Maria's bakery over the course of a year she sold 96 birthday cakes for $51 a cake. At the end of the year she determined that for each cake she sold she had spent 1/8 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

7. _____ **1,158** _____

8. _____ **135** _____

5) An industrial machine made 3,620 cans of diet sodas and 3 times as many regular sodas over the course of 59 minutes. The regular sodas were then placed into 4 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

6) At the flea market Dave found 7 buckets of LEGOs with each bucket containing 4,671 LEGO pieces. If he wanted to split the LEGO pieces into 3 piles, how many pieces should he put into each pile?

7) A king size candy bars costs $1 with each candy bar having 1,544 calories. If you bought 3 candy bars and took 4 days eating them (eating the same amount each day) how many calories would you consume a day?

8) Carol's mother had 15 small photo albums filled with 72 photos in each. In order to save some space she bought 8 larger albums with each album having 39 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?

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Solve each problem.

1) The owner of a malt shop spent $3 buying 9 boxes of cups with each box containing 916 cups. If he expected the cups to last 4 months, how many cups does he plan to use each month?

1. _____

2. _____

2) Ned and Lana were comparing their Halloween candy. Ned received 2 times as much candy as Lana received. Ned then split his candy evenly into 3 piles to eat later. If Lana received 66 ounces of candy, how many ounces of candy would be in each of Ned's piles?

3. _____

4. _____

5. _____

3) Bianca's mother had 13 small photo albums filled with 72 photos in each. In order to save some space she bought 8 larger albums with each album having 23 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?

6. _____

7. _____

4) A contractor bought 94 boxes of nails at a price of $1 per box. Each box contained contained 81 nails. If he distributed the nails to the 9 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

8. _____

5) A restaurant owner bought 6 boxes of disposable cups for $61, with each box containing 3,584 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?

6) Olivia was trying to save up $459. At her job she made $9 an hour and she worked 38 hours a week. After paying for her food and other expenditures she ended up only saving 1/9 of her weeks earnings. How much money did she save up each week?

7) Sam developed a game for phones that he sold for $5. After the first week he discovered he had 1,916 downloads from girls and 6 times as many boys download the game. Of the boys who downloaded it he only had 1/2 who bought the full game. How many boys bought the full game?

8) An industrial machine made 3,492 cans of diet sodas and 2 times as many regular sodas over the course of 58 minutes. The regular sodas were then placed into 6 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

Name:

Solve each problem.

Answers

1) The owner of a malt shop spent \$3 buying 9 boxes of cups with each box containing 916 cups. If he expected the cups to last 4 months, how many cups does he plan to use each month?

1. _____ **2,061**

2) Ned and Lana were comparing their Halloween candy. Ned received 2 times as much candy as Lana received. Ned then split his candy evenly into 3 piles to eat later. If Lana received 66 ounces of candy, how many ounces of candy would be in each of Ned's piles?

2. _____ **44**

3. _____ **117**

4. _____ **846**

3) Bianca's mother had 13 small photo albums filled with 72 photos in each. In order to save some space she bought 8 larger albums with each album having 23 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?

5. _____ **10,752**

6. _____ **38**

7. _____ **5,748**

4) A contractor bought 94 boxes of nails at a price of \$1 per box. Each box contained contained 81 nails. If he distributed the nails to the 9 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

8. _____ **1,164**

5) A restaurant owner bought 6 boxes of disposable cups for \$61, with each box containing 3,584 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?

6) Olivia was trying to save up \$459. At her job she made \$9 an hour and she worked 38 hours a week. After paying for her food and other expenditures she ended up only saving 1/9 of her weeks earnings. How much money did she save up each week?

7) Sam developed a game for phones that he sold for \$5. After the first week he discovered he had 1,916 downloads from girls and 6 times as many boys download the game. Of the boys who downloaded it he only had 1/2 who bought the full game. How many boys bought the full game?

8) An industrial machine made 3,492 cans of diet sodas and 2 times as many regular sodas over the course of 58 minutes. The regular sodas were then placed into 6 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

Name: _____

Solve each problem.

1) Dave developed a game for phones that he sold for $2. After the first week he discovered he had 4,656 downloads from girls and 4 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. _____

2) Rachel was trying to save up $362. At her job she made $10 an hour and she worked 28 hours a week. After paying for her food and other expenditures she ended up only saving 1/2 of her weeks earnings. How much money did she save up each week?

3. _____

4. _____

5. _____

3) Over the course of 13 weeks Faye collected 8 pounds of cans to recycle and Oliver collected 3 times as much as Faye. Oliver then put his collection into 8 bags to take to the recycling center. How many pounds of cans did Oliver put into each bag?

6. _____

7. _____

4) At the flea market Paul found 7 buckets of LEGOs with each bucket containing 9,448 LEGO pieces. If he wanted to split the LEGO pieces into 4 piles, how many pieces should he put into each pile?

8. _____

5) A contractor bought 59 boxes of nails at a price of $2 per box. Each box contained contained 18 nails. If he distributed the nails to the 6 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

6) An industrial machine made 6,636 cans of diet sodas and 5 times as many regular sodas over the course of 57 minutes. The regular sodas were then placed into 6 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

7) A donation center had filled up 63 small bins with canned food with each bin containing 16 cans. They plan to send the cans out to 4 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?

8) Billy and Lana were comparing their Halloween candy. Billy received 2 times as much candy as Lana received. Billy then split his candy evenly into 5 piles to eat later. If Lana received 15 ounces of candy, how many ounces of candy would be in each of Billy's piles?

Name:

Solve each problem.

Answers

1) Dave developed a game for phones that he sold for $2. After the first week he discovered he had 4,656 downloads from girls and 4 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. **2,328**

2) Rachel was trying to save up $362. At her job she made $10 an hour and she worked 28 hours a week. After paying for her food and other expenditures she ended up only saving 1/2 of her weeks earnings. How much money did she save up each week?

2. **140**

3. **3**

3) Over the course of 13 weeks Faye collected 8 pounds of cans to recycle and Oliver collected 3 times as much as Faye. Oliver then put his collection into 8 bags to take to the recycling center. How many pounds of cans did Oliver put into each bag?

4. **16,534**

5. **177**

6. **5,530**

4) At the flea market Paul found 7 buckets of LEGOs with each bucket containing 9,448 LEGO pieces. If he wanted to split the LEGO pieces into 4 piles, how many pieces should he put into each pile?

7. **252**

8. **6**

5) A contractor bought 59 boxes of nails at a price of $2 per box. Each box contained contained 18 nails. If he distributed the nails to the 6 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

6) An industrial machine made 6,636 cans of diet sodas and 5 times as many regular sodas over the course of 57 minutes. The regular sodas were then placed into 6 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

7) A donation center had filled up 63 small bins with canned food with each bin containing 16 cans. They plan to send the cans out to 4 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?

8) Billy and Lana were comparing their Halloween candy. Billy received 2 times as much candy as Lana received. Billy then split his candy evenly into 5 piles to eat later. If Lana received 15 ounces of candy, how many ounces of candy would be in each of Billy's piles?

Solve each problem.

1) A restaurant owner bought 9 boxes of disposable cups for $92, with each box containing 2,576 cups. If he wanted to divvy up the cups among his 8 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?

1. _____

2. _____

2) Nancy was planning to marathon watch episodes of her favorite show. The show had 38 episodes with each episode lasting exactly 24 minutes. If she planned to spend 2 days watching the show how many minutes should she watch each day?

3. _____

4. _____

5. _____

3) At Katie's bakery over the course of a year she sold 6 birthday cakes for $51 a cake. At the end of the year she determined that for each cake she sold she had spent 1/6 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

6. _____

7. _____

4) The owner of a malt shop spent $1 buying 4 boxes of cups with each box containing 515 cups. If he expected the cups to last 5 months, how many cups does he plan to use each month?

8. _____

5) At the flea market George found 9 buckets of LEGOs with each bucket containing 2,751 LEGO pieces. If he wanted to split the LEGO pieces into 7 piles, how many pieces should he put into each pile?

6) Olivia's mother had 12 small photo albums filled with 69 photos in each. In order to save some space she bought 3 larger albums with each album having 45 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?

7) Oliver and Sarah were comparing their Halloween candy. Oliver received 3 times as much candy as Sarah received. Oliver then split his candy evenly into 9 piles to eat later. If Sarah received 90 ounces of candy, how many ounces of candy would be in each of Oliver's piles?

8) Emily was trying to save up $366. At her job she made $16 an hour and she worked 25 hours a week. After paying for her food and other expenditures she ended up only saving 1/8 of her weeks earnings. How much money did she save up each week?

Solve each problem.

	Answers

1) A restaurant owner bought 9 boxes of disposable cups for $92, with each box containing 2,576 cups. If he wanted to divvy up the cups among his 8 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?

1. ___**2,898**___

2. ___**456**___

2) Nancy was planning to marathon watch episodes of her favorite show. The show had 38 episodes with each episode lasting exactly 24 minutes. If she planned to spend 2 days watching the show how many minutes should she watch each day?

3. ___**51**___

4. ___**412**___

3) At Katie's bakery over the course of a year she sold 6 birthday cakes for $51 a cake. At the end of the year she determined that for each cake she sold she had spent 1/6 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

5. ___**3,537**___

6. ___**276**___

4) The owner of a malt shop spent $1 buying 4 boxes of cups with each box containing 515 cups. If he expected the cups to last 5 months, how many cups does he plan to use each month?

7. ___**30**___

8. ___**50**___

5) At the flea market George found 9 buckets of LEGOs with each bucket containing 2,751 LEGO pieces. If he wanted to split the LEGO pieces into 7 piles, how many pieces should he put into each pile?

6) Olivia's mother had 12 small photo albums filled with 69 photos in each. In order to save some space she bought 3 larger albums with each album having 45 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?

7) Oliver and Sarah were comparing their Halloween candy. Oliver received 3 times as much candy as Sarah received. Oliver then split his candy evenly into 9 piles to eat later. If Sarah received 90 ounces of candy, how many ounces of candy would be in each of Oliver's piles?

8) Emily was trying to save up $366. At her job she made $16 an hour and she worked 25 hours a week. After paying for her food and other expenditures she ended up only saving 1/8 of her weeks earnings. How much money did she save up each week?

Solve each problem.

1) Tom developed a game for phones that he sold for $1. After the first week he discovered he had 6,040 downloads from girls and 8 times as many boys download the game. Of the boys who downloaded it he only had 1/2 who bought the full game. How many boys bought the full game?

1. _____

2. _____

2) Over the course of 13 weeks Janet collected 25 pounds of cans to recycle and Jerry collected 9 times as much as Janet. Jerry then put his collection into 5 bags to take to the recycling center. How many pounds of cans did Jerry put into each bag?

3. _____

4. _____

3) At Tiffany's bakery over the course of a year she sold 72 birthday cakes for $65 a cake. At the end of the year she determined that for each cake she sold she had spent 1/3 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

5. _____

6. _____

4) At a potato chip factory there were 57 machines working with each machine able to produce 96 chips a minute. If this is enough potato chips to fill 8 shipping boxes, how many chips are there per box?

7. _____

8. _____

5) A contractor bought 89 boxes of nails at a price of $3 per box. Each box contained contained 54 nails. If he distributed the nails to the 9 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

6) A donation center had filled up 19 small bins with canned food with each bin containing 84 cans. They plan to send the cans out to 2 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?

7) Amy was trying to save up $449. At her job she made $7 an hour and she worked 36 hours a week. After paying for her food and other expenditures she ended up only saving 1/7 of her weeks earnings. How much money did she save up each week?

8) The owner of a malt shop spent $1 buying 9 boxes of cups with each box containing 252 cups. If he expected the cups to last 2 months, how many cups does he plan to use each month?

Name:

Solve each problem.

Answers

1) Tom developed a game for phones that he sold for $1. After the first week he discovered he had 6,040 downloads from girls and 8 times as many boys download the game. Of the boys who downloaded it he only had 1/2 who bought the full game. How many boys bought the full game?

1. **24,160**

2) Over the course of 13 weeks Janet collected 25 pounds of cans to recycle and Jerry collected 9 times as much as Janet. Jerry then put his collection into 5 bags to take to the recycling center. How many pounds of cans did Jerry put into each bag?

2. **45**

3. **1,560**

3) At Tiffany's bakery over the course of a year she sold 72 birthday cakes for $65 a cake. At the end of the year she determined that for each cake she sold she had spent 1/3 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

4. **684**

5. **534**

6. **798**

4) At a potato chip factory there were 57 machines working with each machine able to produce 96 chips a minute. If this is enough potato chips to fill 8 shipping boxes, how many chips are there per box?

7. **36**

8. **1,134**

5) A contractor bought 89 boxes of nails at a price of $3 per box. Each box contained contained 54 nails. If he distributed the nails to the 9 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

6) A donation center had filled up 19 small bins with canned food with each bin containing 84 cans. They plan to send the cans out to 2 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?

7) Amy was trying to save up $449. At her job she made $7 an hour and she worked 36 hours a week. After paying for her food and other expenditures she ended up only saving 1/7 of her weeks earnings. How much money did she save up each week?

8) The owner of a malt shop spent $1 buying 9 boxes of cups with each box containing 252 cups. If he expected the cups to last 2 months, how many cups does he plan to use each month?

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |