Two Step Problems   Name:

Solve each problem.

1) A developer was buying land. He bought 7 acres at $1,480 per acre. He then split the land he purchased into 4 lots. How much should he sell each lot for just to break even?

2) An industrial machine made 6,084 cans of diet sodas and 5 times as many regular sodas over the course of 46 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.

3) A restaurant owner bought 7 boxes of disposable cups for $67, with each box containing 3,872 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?

4) Cody developed a game for phones that he sold for $5. After the first week he discovered he had 4,412 downloads from girls and 8 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?

5) At Amy's bakery over the course of a year she sold 78 birthday cakes for $82 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 king size candy bars costs $1 with each candy bar having 1,632 calories. If you bought 8 candy bars and took 2 days eating them (eating the same amount each day) how many calories would you consume a day?

7) At a potato chip factory there were 62 machines working with each machine able to produce 42 chips a minute. If this is enough potato chips to fill 6 shipping boxes, how many chips are there per box?

8) At the flea market Frank found 2 buckets of LEGOs with each bucket containing 9,060 LEGO pieces. If he wanted to split the LEGO pieces into 3 piles, how many pieces should he put into each pile?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

Solve each problem.

1) A developer was buying land. He bought 7 acres at $1,480 per acre. He then split the land he purchased into 4 lots. How much should he sell each lot for just to break even?

$1,480 \times 7$
$10,360 \div 4$

1. ___**2,590**___

2. ___**5,070**___

2) An industrial machine made 6,084 cans of diet sodas and 5 times as many regular sodas over the course of 46 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.

$6,084 \times 5$
$30,420 \div 6$

3. ___**13,552**___

4. ___**8,824**___

3) A restaurant owner bought 7 boxes of disposable cups for $67, with each box containing 3,872 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?

$3,872 \times 7$
$27,104 \div 2$

5. ___**3,198**___

6. ___**6,528**___

4) Cody developed a game for phones that he sold for $5. After the first week he discovered he had 4,412 downloads from girls and 8 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?

$4,412 \times 8$
$35,296 \div 4$

7. ___**434**___

8. ___**6,040**___

5) At Amy's bakery over the course of a year she sold 78 birthday cakes for $82 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?

78×82
$6,396 \div 2$

6) A king size candy bars costs $1 with each candy bar having 1,632 calories. If you bought 8 candy bars and took 2 days eating them (eating the same amount each day) how many calories would you consume a day?

$1,632 \times 8$
$13,056 \div 2$

7) At a potato chip factory there were 62 machines working with each machine able to produce 42 chips a minute. If this is enough potato chips to fill 6 shipping boxes, how many chips are there per box?

42×62
$2,604 \div 6$

8) At the flea market Frank found 2 buckets of LEGOs with each bucket containing 9,060 LEGO pieces. If he wanted to split the LEGO pieces into 3 piles, how many pieces should he put into each pile?

$9,060 \times 2$
$18,120 \div 3$