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?

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) 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) 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?

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?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

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1. **2,328**

2. **140**

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. **3**

4. **16,534**

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?

5. **177**

6. **5,530**

7. **252**

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. **6**

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