1. Evan tracked the miles he drove this past summer while he was sightseeing. He recorded 3,873 total miles. If he traveled only eight days, and approximately the same distance each of those days during his vacation, about how many miles did he travel each day?

2. Kylie worked hard for over a year to make bracelets to sell for her favorite charity. She was able to make 2,977 bracelets. She gave the same number of bracelets to each of her five friends to sell. How many bracelets did each friend receive and how many were leftover for Kylie to sell herself?

3. A rice company bags 6,750 pounds of potatoes into 8-pound bags one day. How many full bags of potatoes can they bag and how many pounds of potatoes will be left over?

4. Grant needs to paint 865 tiles for an art project. One tube of paint will cover 6 tiles. How many tubes of paint will Grant need to buy to make sure that he has enough to cover all of his tiles?

5. To drive from Washington D.C. to San Francisco, California the distance can be about 2,917 miles. If you want to get there in four days and travel about the same distance each day, how many miles will you need to drive each of the four days?

6. A large company paid for all their employees to have dinner at a buffet. The total on the bill came to $4,438 without the tip. The cost of the buffet per person was $7. How many people did the company employ?

7. Jim is a 7th grade teacher and has been raising money to take all 124 of his 7th grade students to a play at a local theater. He has $1,113. If tickets are $9 each, can he take all of his students? If not, how much more money does he need to raise in order to take them all?

8. An athletic company wants to ship all of the 12,850 tennis balls they made to another country. They are trying to keep costs down and only want to ship 3 large wooden crates. How many balls will need to go into each of the three crates to make sure all 12,850 balls arrive in the new country?

9. A very large apartment complex has 9,875 apartments they rent. They have 6 buildings in their complex and all but one are the same size and have the same number of apartments. The final building is a bit larger with more apartments. How many apartments are in each of the six buildings?

10. The girls swim team at Fishers High School logged a team total of 10,260 laps during their practices last season. Each girl was required to swim the same number of laps to meet this team goal. If there are 9 girls on the team, how many laps did each girl swim last season?

11. The sixth graders at Sand Creek Intermediate School plan to read a total of 5,575 books during the school year to raise money for charity. If there are 7 classes of sixth graders at the school, at least how many books will each class need to read to meet their goal?

12. Yesterday, a small printing company printed 7,445 pages to be bound into 5 of the exact same chapter book. How many pages will each book?

Division Problem Cards Answer Key

1. 3,873 ÷ 8 = 484 R 1
(Evan drove about 484 miles each day.)

2. 2,977 ÷ 5 = 595 R 2
(Kylie gave each friend 595 bracelets to sell. She has 2 left to sell.)

3. 6,750 ÷ 8 = 843 R 6
(The rice company can bag 843 bags of potatoes. They will have 6 pounds of potatoes leftover.)

4. 865 ÷ 6 = 144 R 1
(Grant will need to buy 145 tubes of paint to make sure that all the tiles are covered.)

5. 2,917 ÷ 4 = 729 R 1
(You will need to drive 729 miles each of the first three days and 730 miles on the fourth day.)

6. 4,438 ÷ 7 = 634
(The company had 634 employees.)

7. 1,113 ÷ 9 = 123 R 6
(Jim has enough money to take 123 of his students to the play. He will need to raise another $3 to take all 124.)

8. 12,850 ÷ 3 = 4,283 R 1
(The first two crates will hold 4,283 balls each. The third crate will hold 4,284 balls.)

9. 9,875 ÷ 6 = 1,645 R 5
(Each of the first 5 buildings has 1,645 apartments. The last building has 1,650 apartments.)

10. 10,260 ÷ 9 = 1,140
(Each girl swam 1,149 laps to help the team reach the goal.)

11. 5,575 ÷ 7 = 796 R 3
(Four of the classes will need to read at least 796 books. The other three will need to read at least 797 books.)

12. 7,445 ÷ 5 = 1,489
(Each chapter book will have 1,489 pages.)