

Name _____

Division with Remainders: Carnival Adventure Answer Key

1. Roller Coaster Riders - 67 people, 8 riders per car

$$67 \div 8 = 8 \text{ R}3$$

8 cars are completely filled, 3 people are still waiting

Answer: 8 full cars, 3 people waiting

2. Candy Counter Chaos (Sharing) - 95 lollipops, 12 kids

$$95 \div 12 = 7 \text{ R}11$$

Each kid gets 7 lollipops, 11 lollipops are left over

Answer: 7 each, 11 left over

3. Elephant Parade (Grouping) - 53 elephants, 7 per formation

$$53 \div 7 = 7 \text{ R}4$$

7 full formations, 4 elephants without a group

Answer: 7 full formations, 4 elephants left

4. Prize Booth Tokens (Sharing) - 126 tokens, 9 friends

$$126 \div 9 = 14 \text{ R}0$$

Each friend gets 14 tokens, 0 left over

Answer: 14 each, 0 left over

5. Carousel Horses (Grouping) - 96 horses, 10 per row

$$96 \div 10 = 9 \text{ R}6$$

9 full rows, 6 horses don't fit in a complete row

Answer: 9 full rows, 6 left over

6. Popcorn Buckets (Sharing) - 143 buckets, 12 stations

$$143 \div 12 = 11 \text{ R}11$$

Each station gets 11 buckets, 11 buckets are left over

Answer: 11 each, 11 left over

7. Ticket Line (Grouping) - 178 tickets sold in packs of 15

$$178 \div 15 = 11 \text{ R}13$$

11 full packs, 13 single tickets not in a full pack

Answer: 11 full packs, 13 tickets left over