

**SAMPLE**

**Mathematics**

**Problem Solving Applications – Proportions to solve problems**

Level 5

Number of Books Read

Courtney	☺ ☺
Grace	☺ ☺ ☺ ☺ ☺ ☺ ☺
Jason	☺ ☺ ☺ ☺ ☺ ☺
Kyle	☺ ☺ ☺

☺ = 6 books



1. How many books did Kyle read?

- 7
- 3
- 6
- 0
- 18
- 36

2. Which student read the fewest books?

- Courtney
- Grace
- Jason
- Kyle

3 How many books did all of the students read altogether?

- 85
- 98
- 108
- 84
- 155
- 99

4 How many more books did Grace read than Courtney?

- 12
- 24
- 30
- 6
- 18

## DOCUMENT TITLE

### Breakfast Menu

Cereal	\$1.95
Toast	\$1.55
Grapefruit	\$0.85
Melon	\$1.69
Yogurt	\$0.89
Tea	\$1.45
Coffee	\$2.79
Milk	\$0.85



5 Which of the following items costs the least?

- Milk
- Tea
- Grapefruit
- Yogurt
- Coffee
- Cereal

6 How much would a grapefruit, a melon, cereal, and tea cost in total?

- \$5.94
- \$4.98
- \$5.14
- \$6.04
- \$7

7 Victoria bought toast and coffee. She gave the cashier \$20. How much change should she get back?

- \$4.34
- \$5.18
- \$1.99
- \$17.40
- \$15.66
- \$16.80

**SAMPLE**

## Color of Cars Sold by a Car Dealer

Color	Cars Sold
red	300
pink	254
green	148
purple	397

8 Which list below lists the sale of cars from the color sold the most to the color sold the least?

- red, purple, pink, green
- green, red, pink, purple
- green, pink, purple, red
- red, pink, purple, green
- green, purple, pink, red
- None of the above

9 How many more purple cars were sold than red cars?

- 152 cars
- 78 cars
- 191 cars
- 97 cars
- 58 cars

10 Dylan realized that he actually sold one hundred seventy-two more purple cars than he had originally thought. How many purple cars were sold?

- 569 cars
- 282 cars
- 225 cars
- 375 cars
- 254 cars

Boxes for Sale