

1

Jonathan rents an office for his craft business. The rent is \$1.85 per square foot per month.

If Jonathan rents an office with an area of 320 square feet, which of the following estimates is closest to the cost of renting the office for 6 months?

- A. \$600
- B. \$800
- C. \$3600
- D. \$4200

Mark your answer here: 1. A B C D

2

During an event on Saturday, 29,089 seats in a sports arena were occupied. The arena has a total of 39,598 seats.

Which of the following estimates is closest to the fraction of seats that were occupied during the event on Saturday?

- A.  $\frac{1}{10}$
- B.  $\frac{1}{2}$
- C.  $\frac{2}{3}$
- D.  $\frac{3}{4}$

Mark your answer here: 2. A B C D

- 3 Felicity won a free round-trip airline ticket to California. She plans to go there for her vacation, but she must pay for everything herself except for the airline ticket. She estimated her vacation costs, as shown in the table below.

Mark your answer here: 3. (A)(B)(C)(D)

**Felicity’s Estimated Vacation Costs**

Expense	Estimated Cost
Hotel	\$140 per day
Meals	\$60 per day
All Other Expenses	\$400 during the entire trip

Felicity budgeted \$1000 to spend on all of her vacation costs. Which of the following can Felicity use to estimate the number of days she can stay in California without going over her budget?

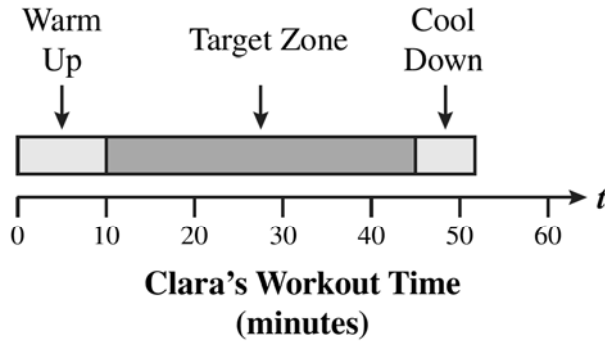
- A.  $\frac{1000 - 400}{200}$
- B.  $\frac{1000}{200} - 400$
- C.  $\frac{1000 - 600}{400}$
- D.  $\frac{1000}{600}$



- 5 Clara’s exercise bicycle has a graphic display that shows how much time she spent in the warm up, target zone, and cool down portions of her workout, as shown below.

Mark your answer here: 5. (A)(B)(C)(D)

**Exercise Bicycle Display**



According to the display, which of the following is closest to the percent of Clara’s workout time that was spent in the target zone?

- A. 35%
- B. 45%
- C. 70%
- D. 90%



6 Village Motors had total sales of \$86,571,394 last year. Of this amount, used-car sales were \$28,066,519.

Carlos correctly determined the percent of total sales that were used-car sales. Which of the following estimates is closest to the percent that he determined?

- A. 10%
- B. 25%
- C. 33%
- D. 50%

Mark your answer here: 6. (A)(B)(C)(D)

7 The charges to repair Naomi’s car are shown below.

**Car Repair Charges**

<b>Labor</b>	\$187.50
<b>Parts</b>	\$ 68.40
<b>Towing</b>	\$ 25.50

The charge for parts is closest to which percent of the total charges?

- A. 10%
- B. 25%
- C. 33%
- D. 50%

Mark your answer here: 7. (A)(B)(C)(D)

