

Concept

- 1 There were 4,289 fans at today's basketball game. Round 4,289 to the nearest hundred.

① 4,000
② 4,200
③ 4,300
④ 4,500
⑤ 5,000

- 2 The price of a new television set has been reduced to \$324.99. Round \$324.99 to the nearest ten dollars.

① \$300
② \$320
③ \$325
④ \$330
⑤ \$350

Procedure


- 3 For her clothes shop, Kaitlan ordered 19 display stands. Each stand costs \$213.50. What is the **best estimate** of the total cost of the display stands?

① \$10,000
② \$8,500
③ \$7,500
④ \$6,000
⑤ \$4,000

- 4 Jamie will make 48 equal payments to pay off a no-interest loan of \$2,464.75. What is the **best estimate** of the amount of each payment?


① \$60
② \$50
③ \$40
④ \$30
⑤ \$20

Application

- 5  Estimate the average number of sandwich sales per day for the days shown in the table.

① 900
② 800
③ 700
④ 600
⑤ 500

| Day | Sales |
|--------|-------|
| Mon. | 619 |
| Tues. | 521 |
| Wed. | 622 |
| Thurs. | 549 |
| Fri. | 704 |
| Sat. | 683 |

- 6  Miguel is planning to buy a new stereo. The stereo costs \$539 and is offered with 0% financing for a 2-year loan. After making a down payment of \$50, Miguel estimates his monthly payment to be about \$20.

Which phrase best describes Miguel's estimate?

① very close to the actual amount
② much higher than the actual amount
③ much lower than the actual amount
④ exactly the correct amount
⑤ Not enough information is given.

- 7 Lateisha's car gets 42 miles per gallon. Approximately how far can Lateisha drive on a full tank of 19.5 gallons?

① less than 600 miles
② between 600 and 750 miles
③ between 750 and 850 miles
④ between 850 and 1,000 miles
⑤ more than 1,000 miles