

2A Select and use appropriate operations to solve problems and justify the selections

1. On a test, Ralph correctly answered 17 out of 23 questions. Which expression could be used to find the percent of questions Ralph answered correctly?
- A $\frac{17}{23} \times 100$
B $\frac{23}{17} \times 100$
C $\frac{(23-17)}{23} \times 100$
D $23 - 17 \times 100$
2. Gerald's baseball batting average is 0.328. Alex's batting average is 0.286. How much higher is Gerald's average than Alex's?
- A 0.068
B 0.042
C 0.168
D 0.142
3. Jason purchased 5 new compact discs for \$44.90, including tax. If each of them was the same price, how much did each compact disc cost?
- A \$8.18
B \$8.50
C \$8.98
D \$9.38
4. For a school dance, Amy inflated balloons with helium at the rate of 4 balloons per minute. If she worked for 42 minutes, how many balloons did Amy inflate in all?
- A 88
B 105
C 166
D 168