

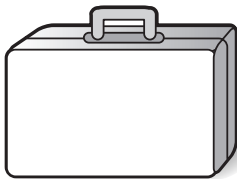
MATH in Minutes

Level A

#9

NUMBER AND OPERATIONS

- 1** An airplane carries 198 passengers. Each traveler's suitcase weighs about 50 pounds. About how much does the luggage weigh altogether? How did you find your answer?



NUMBER AND OPERATIONS

- 2** Patrick solved the problem below. Is his answer correct? Explain.

$$\begin{array}{r} 785 \\ + 491 \\ \hline 1,176 \end{array}$$

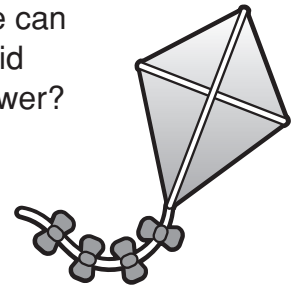
NUMBER AND OPERATIONS

- 3** Morgan's estimate for the problem below is 900. Macey thinks the best estimate is 1,000. Who is correct? How do you know?

$$389 + 615$$

MEASUREMENT

- 4** Trey's kite has 30 yards of kite string. Todd's kite has 100 feet of string. Whose kite can fly higher? How did you find your answer?



ALGEBRA

- 5** Micah created a pattern using the following rule: multiply by two; then subtract four. Can these patterns be Micah's? Why or why not?

7, 10, 16, 28, ...

3, 2, 0, ...

DATA ANALYSIS AND PROBABILITY

- 6** Which two graphs would fit the data given below? Explain your choices.

- A. circle graph**
B. bar graph
C. line graph

Girls' Favorite Sports

volleyball = 31%
basketball = 23%
tennis = 10%
soccer = 36%