



Rounding to Meet a Constraint (Multiple Choice)

Grade 3

Name: _____

Round to estimate if limits are met. Choose best estimate.

Example: Budget \$100; items \$27.50, \$33.40, \$19.95, \$21.49 $\rightarrow 28+33+20+21 \approx 102 \rightarrow$ No – about \$102

(1) A school library shelf can hold 800 books. There are three boxes with 215, 380, and 192 books. If you round each number to the nearest hundred, will all the books fit on the shelf?

(A) No – about 850 books (B) No – about 900 books (C) Yes – about 800 books

(D) Yes – about 700 books

(2) A school trip has a budget of \$1500. The bus rental is \$780, museum tickets are \$410, and lunch is \$295. If you round each cost to the nearest hundred, is the budget enough?

(A) No – about \$1600 (B) No – about \$1700 (C) Yes – about \$1500 (D) Yes – about \$1400

(3) An empty stamp album can hold 1000 stamps. You have four collections with 240, 310, 185, and 270 stamps. If you round each collection to the nearest ten, will all the stamps fit?

(A) No – about 1010 stamps (B) No – about 1020 stamps (C) Yes – about 1000 stamps

(D) Yes – about 990 stamps



(4) The auditorium for the school play has a capacity of 700 people. Tickets sold include 345 adults and 268 children. If you round each number to the nearest ten, will everyone fit?

(A) Yes – about 620 people (B) No – about 710 people (C) Yes – about 700 people

(D) No – about 630 people

(5) A display case can hold 500 toy cars. You have three boxes containing 123, 208, and 155 cars. If you round each number to the nearest ten, can all the cars fit?

(A) No – about 510 cars (B) Yes – about 490 cars (C) Yes – about 500 cars

(D) No – about 520 cars

(6) A school fundraiser has a goal to raise \$2000. So far, they have received donations of \$870, \$520, and \$485. If you round each donation to the nearest hundred, have they reached their goal?

(A) No – about \$1900 (B) Yes – about \$2000 (C) Yes – about \$1800 (D) No – about \$2100



(7) A storage bin can hold 3000 building blocks. You have four containers with 780, 610, 920, and 550 blocks. If you round each number to the nearest hundred, will all the blocks fit?

(A) No – about 3100 blocks (B) Yes – about 2900 blocks (C) Yes – about 3000 blocks

(D) No – about 3200 blocks

(8) A new section in the school library has a capacity of 400 books. Three new deliveries contain 112, 187, and 105 books. If you round each number to the nearest ten, can all the new books fit?

(A) Yes – about 390 books (B) Yes – about 400 books (C) No – about 420 books

(D) No – about 410 books

