



AMS Olympiad

Sample paper
Grade 5



Skills/Topics Covered:

- € Multiplication
- € Division
- € Place Value
- € Fractions
- € Decimal
- € Geometry
- € Angle
- € Perimeter
- € Area
- € Graph



Q1.

The largest 4-digit number with all digits different and 7 at hundred's place is _____.

- A. 9777
- B. 9767
- C. 9787
- D. 9786

Q2.

If in the number 96452, the digits at thousands place and tens place are interchanged, then the original number is _____ the new number.

- A. Greater than
- B. Smaller than
- C. Equal to
- D. Can't be determined

Q3

Rahim read a book of 518 pages in two weeks. He read the same number of pages each day. How many pages did he read each day?

- A. 44
- B. 35
- C. 34
- D. 37

Q4

Identify the number:

- I am a 5-digit even number.
- Three of my digits are the same.
- They add up to 27.
- The hundreds digit is double the one's digit.

- A. 55854
- B. 58552
- C. 58545
- D. 58554



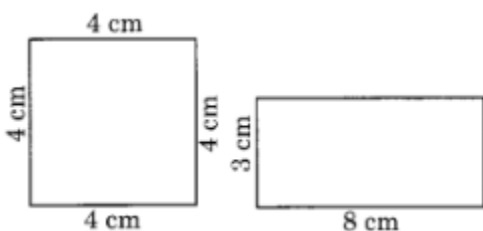
Q5

Amit bought 19 packets of milk which cost ₹532. How much will 36 such packets of milk cost?

- A. ₹908
- B. ₹1108
- C. ₹1008
- D. ₹1208

Q6

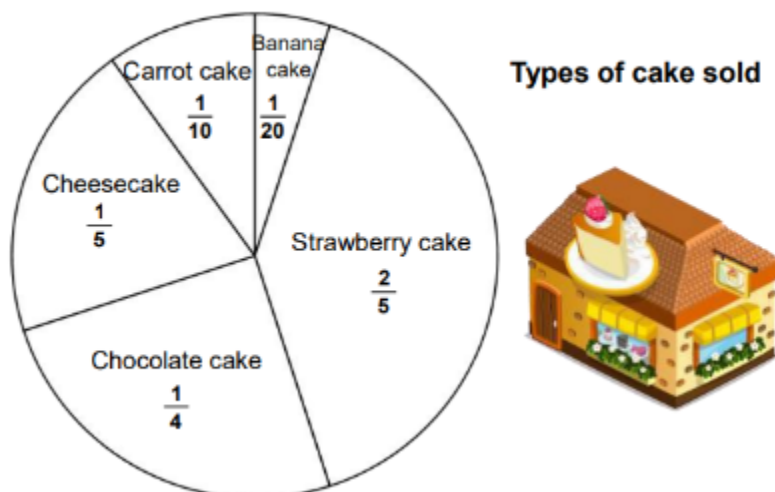
Find the total perimeter of the given figures.



- A. 38
- B. 49
- C. 51
- D. 25

Q7

Direction: The circle graph shows data about the cakes sold at a bake sale. Study the graph and answer the questions below.



Which cake is the best seller?

- A. Strawberry cake
- B. Carrot cake



- C. Chocolate cake
- D. Cheesecake

Q8

Ladder X is twice as long as ladder Y. Ladder Z is 235 cm shorter than ladder X. If ladder Z is 785 cm long, then what is the total length of the three ladders?

- A. 2530 cm
- B. 2300 cm
- C. 2315 cm
- D. 2135 cm

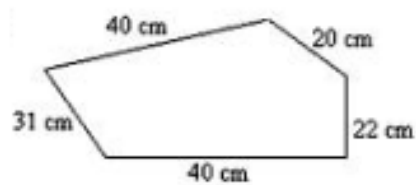
Q9

Which of the following options is arranged in Ascending order?

- A. 10,50,165; 10,95,156; 10,95,543; 10,95,515
- B. 10,52,77,748; 10,52,77,487; 10,52,68,654; 10,52,68,999
- C. 7,78,010; 7,89,680; 79,910; 90,878
- D. 6,17,46,002; 6,53,56,101; 7,18,46,002; 7,26,46,111

Q10

Find the perimeter of the following figure in cm.



- A. 163 cm
- B. 153 cm
- C. 187 cm
- D. 210 cm



ANSWER KEY

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
D	A	D	A	C	A	A	C	D	B