HugeMathBrain — Grade 3 Printable Quiz

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Grade 3

Problem 3.1 · 3 points — What is the smallest 3-digit number in which all three digits are different?



A) 120
B) 101
C) 123
D) 102
E) 100

Problem 3.2 · 3 points — A movie starts at 2:40 and lasts 50 minutes. At what time does it end?



A) 3:30
B) 3:20
C) 3:40
D) 3:50
E) 4:30

Problem 3.3 · 3 points — Nina and Leo start with the same even number of stickers, at least 12: Nina gives away 6 and then half of what remains, while Leo gives away half and then 6. How many more stickers does Nina have than Leo?



A) 9
B) 3
C) 0
D) 6
E) 12

Problem 3.4 · 4 points — Two identical squares are placed side by side to make a rectangle. The perimeter of the rectangle is 30. What is the side length of each square?



A) 10
B) 4
C) 6
D) 5
E) 3

Problem 3.5 · 4 points — Mia has a strip of 12 squares numbered 1 to 12 from left to right. She folds the strip exactly in half, then folds the shorter strip exactly in half again; what is the sum of the four numbers in the final stack containing square 2?



A) 28
B) 13
C) 25
D) 24
E) 26

Problem 3.6 · 4 points — I think of a number. I double it, then add 3, and I get 15. What was my number?



A) 7
B) 6
C) 5
D) 9
E) 8

Problem 3.7 · 4 points — How many two-digit numbers have digits that add up to 5?



A) 4
B) 3
C) 5
D) 6
E) 7

Problem 3.8 · 5 points — Five friends share 50 marbles, each getting a different positive number. The biggest share is twice the smallest; what is the largest possible middle share when the five shares are put in order?



A) 11
B) 9
C) 10
D) 14
E) 12

Problem 3.9 · 5 points — Amy, Ben, Cy, and Dee each take a different card numbered 1 through 6, leaving two cards behind; Amy and Ben's cards add to 7, while Cy and Dee's add to 8. Both leftover cards are even, and Amy's card is bigger than Cy's; what number is on Amy's card?



A) 5
B) 6
C) 4
D) 3
E) 1

Problem 3.10 · 3 points — A toy crab starts on shell 5 in a row of shells numbered 1 to 11. It takes exactly four steps, each to a neighboring shell; which shell could it finish on?



A) 7
B) 8
C) 6
D) 11
E) 4

Problem 3.11 · 3 points — A frog has jump cards marked 1, 2, 3, 4, and 5; each card tells how far to jump, and it uses each card once. Starting on 6, it lands on 10, 11, 16, and 18—where will it land after its last jump?



A) 20
B) 22
C) 24
D) 19
E) 21

Problem 3.12 · 3 points — Maya picks three spots in the row. How many different groups of spots can she pick that include both kinds of shapes?

A row of shapes



A) 9
B) 10
C) 8
D) 6
E) 3

Answer key

3.1: D
3.2: A
3.3: B
3.4: D
3.5: E
3.6: B
3.7: C
3.8: C
3.9: B
3.10: A
3.11: E
3.12: A