

Grade 4-5

문제유형: Algebra (80%), Geometry (10%), Probability & statistics (10%)

1. What is the number rounded to the nearest ten thousands digit for 3,454,987?
a) 3,454,990 b) 3,455,000 c) 3,450,000 d) 3,460,000 e) 3,500,000
2. You have 3 quarters, 4 dimes, 5 nickels, and 6 pennies. I have twice you amount. How much money do I have?

Grade 6-8

문제유형: Algebra (60%), Geometry (20%), Probability & statistics (20%)

1. Evaluate $1 - 2 + \frac{1}{3} \times \frac{4}{3} \times \frac{9}{6} \div \frac{5}{12}$.
2. What is the 50th term in the following sequence?
1, 2, 2, 3, 3, 3, 4, 4, 4, 4, 5, 5, 5, 5, ...
a) 10 b) 11 c) 12 d) 13 e) 14

Grade 9-11

문제유형: Algebra (60%), Geometry (25%), Probability & statistics (15%)

1. If $a + b = 4$ and $a^2 + b^2 = 10$, then what is the product of a and b ?
a) 3 b) 4 c) 5 d) 6 e) 7
2. What is the unit digit of 3^{2011} ?