

## 10 questions of 2022 GEP R2 Math

1. Each pie costs \$5, each bun costs \$3. Tom bought 4 more pies than buns. Which of the following money is not possibly paid?

- A. \$44
- B. \$48
- C. \$52
- D. \$60
- E. \$68

2. A ship travels from port A to B at constant speed. The ship arrives at B at 10:50 a.m. and stay for 3 hours. Then the ship goes to port C and arrive at C at 5:20 p.m. on the same day. The journey from port B to C was twice as long as from port A to B. What time did the ship leave port A?

- A. 5:20 a.m.
- B. 5:50 a.m.
- C. 9:05 a.m.
- D. 7:20 a.m.
- E. 9:10 a.m.

3. 100 days after today is Saturday. What day of the week is today?

- A. Monday
- B. Tuesday
- C. Wednesday
- D. Thursday
- E. Friday

4. There are 5 cards as shown below. These cards can form a 3-digit number and a 2-digit number. What is the smallest difference?

|   |   |   |   |   |
|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 |
|---|---|---|---|---|

5. Lim Ki got sweets. He gives every friend 6, left 6. He gives every friend 9, one friend did not get any. How many friends does he have?

6. At a party, each child eats cookies and chocolates. Six children share one packet of cookies and ten children share one packet of chocolates. There are 8 packets of cookies and chocolates being shared in total. How many children are there in the party?

7. If Karen starts counting from 1 and goes up in threes = 1, 4, 7, ... and Anne starts counting at the same time from 101 and goes down in twos at the same ratios = 101, 99, 97, ... they will say the same number together. What is that number?

8. The sum of any three adjacent numbers is 37. What is the value of A?

|   |
|---|
| 11, _____, A, _____, _____, _____, _____, _____, 13, _____, |
|---|

9. 2 workers take 2 hours to sew 3 dresses, how many hours does it take for 6 workers to sew 9 dresses?

10. How many more shadow squares are there in the ninth picture than in the eighth picture?

