#02 SA Fundamental Principle of Counting+Permutations

Total points 5/5

✓ How many three digit numbers more than 600 can be formed by using the digits 2, 3, 4, 6, 7 (if repetition is allowed)? * 1/1

- 125
- 24
- 50 ✓

60

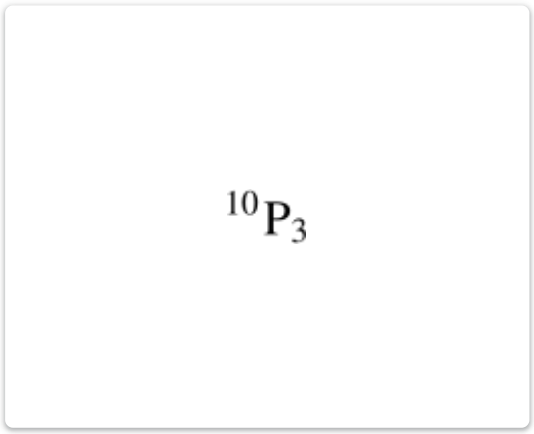
✓ Twelve students compete in a race. In how many ways first three prizes can be given? * 1/1

- (●) 1320 ✓
- ( ) 1728
- ( ) 27
- ( ) 6

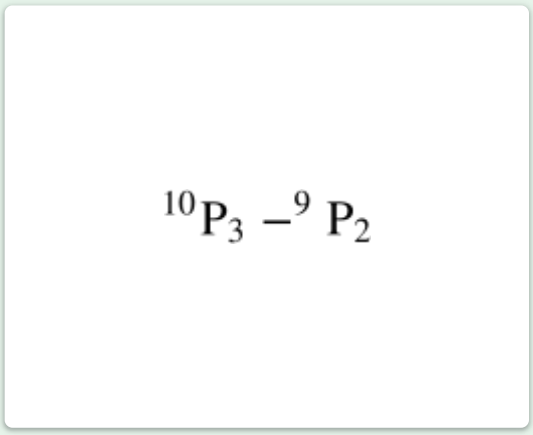
✓ How many different five digit number licence plates can be made if the first digit cannot be zero and the repetition of digits is not allowed? * 1/1

- ( ) 15120
- (●) 27216 ✓
- ( ) 59049
- ( ) None

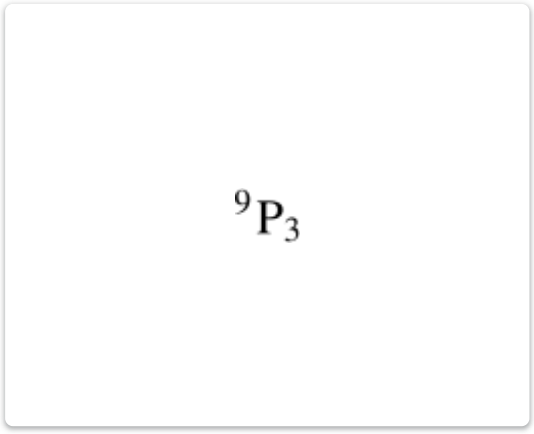
✓ The number of three digit numbers with no digit repeated is given by * 1/1



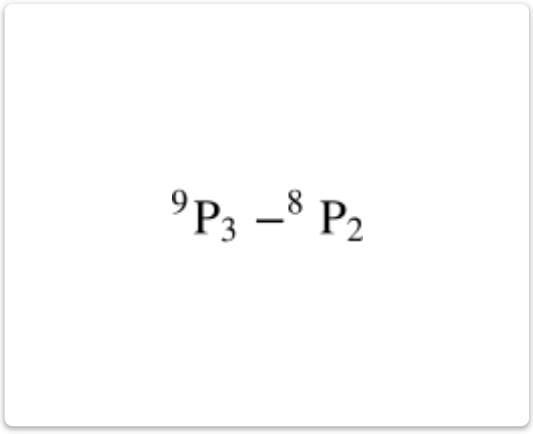
Option 1



Option 2 ✓



Option 3



Option 4

✓ How many words, with or without meaning, can be formed by using the letters of the word MONDAY, assuming that no letter is repeated, if all letters are used and first is a vowel? * 1/1

- (●) 240 ✓
- ( ) 120
- ( ) 60
- ( ) 180