

Combination Code

PREC 12
11.2

Figure out the number of COMBINATIONS for any problem below. Find your answer in the code at the bottom of the page. Each time the answer appears in the code, write the letter of that problem above it. Keep working and you will decode the message.

- | | |
|-------------------------------|-------------------------------|
| Ⓡ 5 objects taken 3 at a time | Ⓣ 7 objects taken 2 at a time |
| Ⓞ 4 objects taken 2 at a time | Ⓛ 5 objects taken 5 at a time |
| ⓔ 6 objects taken 4 at a time | ⓓ 9 objects taken 6 at a time |

- Ⓝ How many committees of 3 members can be formed from 6 people?
- Ⓢ How many committees of 2 members can be formed from 8 people?
- ⓖ A student must work any 4 of the 5 problems on a math quiz. How many different selections of problems can be made?
- Ⓢ A basketball team has 8 players. How many different 5-man teams are possible if each player can play any position?
- Ⓟ Thumba likes to wear 2 rings, one on each thumb. If she has 9 rings to choose from, how many combinations are possible?
- ⓕ Gorgeous Gertrude has 7 boy friends. If she can see only 3 of them on a weekend, how many different combinations could she see?
- Ⓒ A student may choose to read any 4 books from a list of 8 books. How many choices does the student have?
- ⓗ In the year 2525, astronauts Milky and Way are blasting around the solar system. If they decide to visit 5 of the 9 planets, how many different selections could they make?
- Ⓐ Mergatroid has just enough money to buy 2 candy bars. If there are 10 kinds to choose from, how many choices does she have?

TITLE: EVEN ODDS

70-6-56-20-35- 1-56-36-36-15-10-28-70-45-20- 5 -15-21-45-126-15- 45-84