

What is the Title of This Picture?

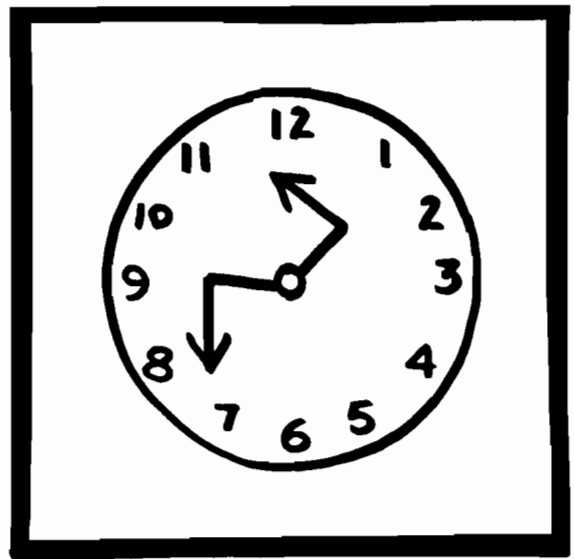
Find each solution in the coded title. Each time it appears, write the letter of the exercise above it.

coded title:

2,598,960 120 20 2,598,960 42 49,150 15 20 336

462 465 120 120 36 56 10 8 79,800 35 21 462

462 36 792 465 154 36 462 580 79,800 21 126



Find the value of the expression.

G. ${}_5C_3$

I. ${}_9C_2$

H. ${}_7C_4$

O. ${}_{20}C_{19}$

Solve.

- S.** How many committees of 4 members can be formed from 9 people?
- E.** In how many ways can two flavors of ice cream be selected from 31 flavors?
- R.** The Lincoln High School Orchestra has prepared eight pieces of music. The orchestra needs to play three of the pieces for a competition. How many different programs are possible? (NOTE: The same pieces in a different order is considered a different program.)
- N.** The Lincoln High School Orchestra has prepared eight pieces of music. The orchestra needs to play three of the pieces for a competition. How many different selections are possible? (NOTE: The same pieces in a different order is considered the same selection.)
- K.** Seven students are running for two positions on Student Council. In the voting, how many different first-second place finishes are possible?
- A.** Seven students are running for two positions on Student Council. How many different pairs of students could be elected to the positions?
- F.** A student must answer any four of the six essay questions on a history test. How many different selections are possible?
- M.** Pico Blox has bookmarked 12 favorite websites on his computer. If he has time to visit five of them, how many different combinations are possible?
- L.** Pizzazz Pizza Pit offers ten different toppings for its pizza. Suppose you order a pizza with three toppings. How many different combinations are possible?
- W.** Two members of the studio audience will be chosen for a TV quiz show. If there are 400 people in the audience, how many different selections are possible?
- T.** How many different 6-player starting squads can be formed from a volleyball team of 11 players?
- C.** How many different 5-card hands can be dealt from a standard deck of 52 cards?