13. In how many ways can 9 people stand in a ring around the player who is "it"?

14. In how many ways can 10 charms be placed on a bracelet with no clasp?

OMIT

OMIT

20 15. Sally has 7 candles, each a different color. How many ways can she arrange the cand	les in a
candelabra that holds 3 candles? 7 3 a 7 6 5	. (
7 5 16. In how many ways can a student choose 4 books from 2 geometry, 4 geography, 5 his physics?	story, and 2
physics? 13 4 9! 4!	
17. How many committees of 5 students can be selected from a class of 25?	
18. Leroy can afford to buy 2 of the 6 CDs he wants. How many possible combinations continues	ould he
buy? $6^{C_2} = \frac{6!}{4!2!}$	
330019. From a group of 10 men and 8 women, how many committees of 7 men and 6 women of	can be
formed? $C_7 \cdot 8 \cdot C_6 = \frac{10!}{3!7!} \cdot \frac{8}{7!}$	\frac{1}{6}!
From a group of 10 men and 8 women, how many committees of 7 men and 6 women of 5 formed? $ \begin{array}{cccccccccccccccccccccccccccccccccc$	hearts and
hree clubs? $\frac{13}{3} = \frac{13!}{9!4!} = \frac{13!}{0!3!}$	
13 4 . 13 3 - 9:41. 10:3!	
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