

Name: _____

Pixel Art A2:

Combination Formula

Find the answer to each problem and then color all the boxes with the indicated color

1. COLOR: LIGHT GREEN $\binom{5}{3}$	2. COLOR : LIGHT BLUE $\binom{6}{4}$	3. COLOR : WHITE $\binom{20}{1}$
4. COLOR: LIGHT BLUE $\binom{n}{8} = \binom{n}{3}$ find n	5. COLOR: RED $\binom{n}{7} = \binom{n}{9}$ find n	6. COLOR: WHITE $\binom{n}{20} = \binom{n}{30}$ find n
7. COLOER: PINK $\binom{8}{8} + \binom{8}{2}$	8. COLOER: YELLOW $\binom{9}{1} + \binom{9}{2}$	9. COLOR: LIGHT BLUE $\binom{5}{1} + \binom{9}{8}$
10. COLOR: RED $\binom{100}{100}$	11. COLOER: ORANGE $\binom{30}{0} + \binom{30}{1}$	12. COLOR: RED $\binom{20}{0} - \binom{20}{20}$
13. COLOR: LIGHT BLUE $\binom{8}{0} + \binom{8}{4}$	14. COLOR: GREEN $\frac{P_{5,4}}{\binom{5}{4}}$	15. COLOER: GREEN $P_{8,n} = 56$ find $\binom{10}{n}$

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Combination Formula Pixel Art

31	45	15	11	71	16	14	20	50	50
45	14	16	14	16	1	0	71	0	50
11	15	0	29	16	1	0	29	16	14
14	71	16	16	29	16	29	1	1	71
20	11	0	16	16	29	16	16	0	14
50	50	14	0	1	1	0	1	71	15
20	14	15	71	16	1	1	11	11	15
11	14	24	14	14	24	71	15	24	11
14	71	24	56	71	56	14	24	24	14
10	10	56	56	24	56	56	56	56	10