

Subject:

Year:

Month:

Date:

$$\textcircled{1} \frac{4!}{3!2!} = 4$$

18

$$\textcircled{1} \frac{4!}{3!2!} = 4$$

15

$$111 \textcircled{1} \quad 123 = 3! = 4$$

19

$$112 \frac{3!}{2!} \textcircled{3} \quad 133 \textcircled{3} \quad \boxed{19} \textcircled{1}$$

$$113 \frac{3!}{2!} \textcircled{3} \quad 223 \textcircled{3}$$

$$\binom{4}{1} \times \binom{4}{1} = \frac{4!}{1!3!} \times \frac{4!}{1!3!} = 4 \times 4 = 16 \textcircled{1}$$

14

$$\frac{4!}{2!2!} = 6 \textcircled{1}$$

17

$$\binom{4}{1} \times \binom{4}{1} \times \binom{4}{1} \times \binom{4}{1} \times \binom{4}{1} = 4^5 \textcircled{1}$$

19

$$1 \rightarrow 1 \times 1$$

20

$$2 \rightarrow 2 \times 2 \quad \left. \begin{array}{l} 3 \rightarrow 3 \times 3 \\ 4 \rightarrow 4 \times 4 \end{array} \right\} \boxed{24} \textcircled{1}$$

$$3 \rightarrow 3 \times 3$$