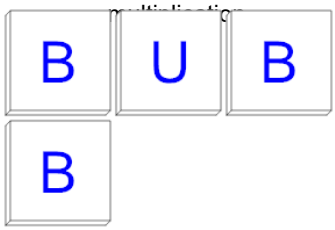
Math worksheet on *'Probability Counting - Duplicat Orders in 4 Letters, 1 Repeat - to Equation (Level 1*
Part of a broader unit on *'Probability and Statistics Probability with Factorials Intro'*

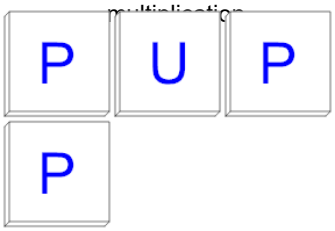
Learn online:
app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

1 How many ways can these letter tiles be ordered to spell 'BUBB'? Show as a



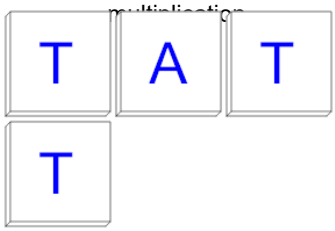
a $\frac{2}{3 \cdot 2 \cdot 1}$	**b** $3 \cdot 2 \cdot 2$
c $5 \cdot 4 \cdot 3 \cdot 2$	**d** $3 \cdot 2$
e $\frac{1}{3 \cdot 2 \cdot 1}$	**f** $4 \cdot 3 \cdot 2$

2 How many ways can these letter tiles be ordered to spell 'PUPP'? Show as a



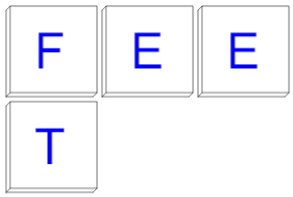
a $3 \cdot 2 \cdot 2$	**b** $\frac{2}{3 \cdot 2 \cdot 1}$
c $3 \cdot 2$	**d** $5 \cdot 4 \cdot 3 \cdot 2$
e $\frac{1}{3 \cdot 2 \cdot 1}$	**f** $4 \cdot 3 \cdot 2$

3 How many ways can these letter tiles be ordered to spell 'TATT'? Show as a



a $3 \cdot 2$	**b** $\frac{2}{3 \cdot 2 \cdot 1}$
c $\frac{1}{3 \cdot 2 \cdot 1}$	**d** $4 \cdot 3 \cdot 2$
e $3 \cdot 2 \cdot 3 \cdot 2$	**f** $5 \cdot 4 \cdot 3 \cdot 2$

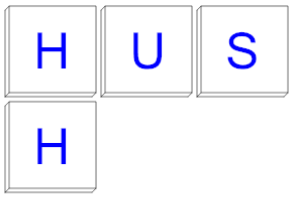
4



How many ways can these letter tiles be ordered to spell 'FEET'? Show as a multiplication.

a $\frac{2}{2 \cdot 1}$	**b** $\frac{1}{2 \cdot 1}$
c $2 \cdot 3 \cdot 2$	**d** 2
e $2 \cdot 2$	**f** $3 \cdot 2$

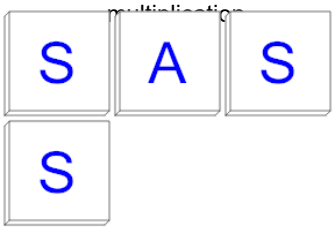
5



How many ways can these letter tiles be ordered to spell 'HUSH'? Show as a multiplication.

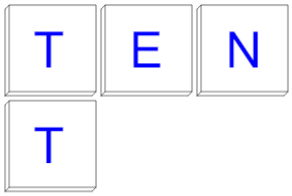
a $4 \cdot 3 \cdot 2$	**b** $2 \cdot 2$
c $\frac{1}{2 \cdot 1}$	**d** $\frac{2}{2 \cdot 1}$
e 2	**f** $3 \cdot 2$

6 How many ways can these letter tiles be ordered to spell 'SASS'? Show as a



a $3 \cdot 2 \cdot 3 \cdot 2$	**b** $4 \cdot 3 \cdot 2$
c $3 \cdot 2 \cdot 2$	**d** $3 \cdot 2$
e $5 \cdot 4 \cdot 3 \cdot 2$	**f** $\frac{1}{3 \cdot 2 \cdot 1}$

7



How many ways can these letter tiles be ordered to spell 'TENT'? Show as a multiplication.

a 2	**b** $\frac{1}{2 \cdot 1}$
c $\frac{2}{2 \cdot 1}$	**d** $2 \cdot 3 \cdot 2$
e $2 \cdot 2$	**f** $4 \cdot 3 \cdot 2$