Math worksheet on *'Probability Counting - Duplicat Orders in 5 Letters, 1 Repeat - to Equation (Level 1* Part of a broader unit on *'Probability and Statistics Probability with Factorials Intro'*

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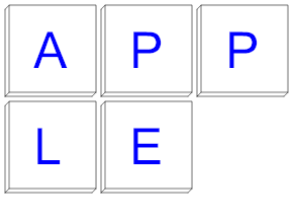
1



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

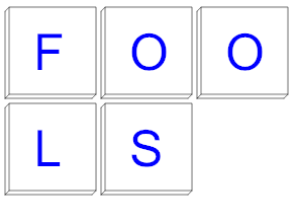
a $3 \cdot 2$	**b** $4 \cdot 3 \cdot 2$
c $\frac{2}{2 \cdot 1}$	**d** $\frac{1}{2 \cdot 1}$
e 2	**f** $2 \cdot 3 \cdot 2$

2

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

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

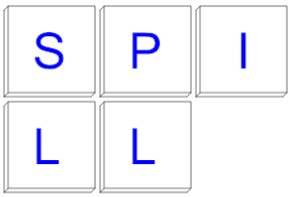
3



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

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

4

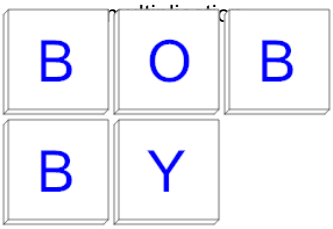


How many ways can these letter tiles be ordered to spell 'SPILL'? Show as a multiplication.

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

5

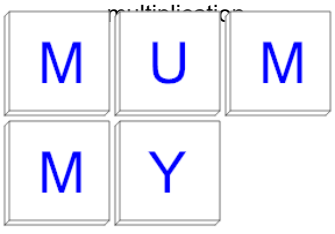
How many ways can these letter tiles be ordered to spell 'BOBBY'? Show as a multiplication.



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

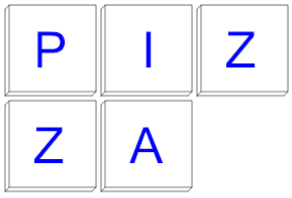
6

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



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

7



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

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