Math worksheet on *'Probability Calculation - Binomial Division (Level 1)'*. Part of a broader unit on *'Probabil Permutations and Combinations Calculating*

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1 What is the value of this probability expression?

$$\frac{\binom{2}{2}}{\binom{3}{3}}$$

a	b	c
15	$\frac{1}{10}$	$\frac{1}{6}$
d	**e**	
1	5	

2 What is the value of this probability expression?

$$\frac{\binom{6}{2}}{\binom{3}{3}}$$

a	b	c
90	$\frac{3}{4}$	1
d	**e**	
225	15	

3 What is the value of this probability expression?

$$\frac{\binom{5}{5}}{\binom{5}{2}}$$

a	b	c
$\frac{2}{3}$	$\frac{1}{10}$	1
d		
$\frac{10}{3}$		

4 What is the value of this probability expression?

$$\frac{\binom{5}{3}}{\binom{4}{2}}$$

a	b	c
$\frac{10}{3}$	$\frac{1}{6}$	$\frac{5}{3}$
d	**e**	
10	$\frac{5}{4}$	

5 What is the value of this probability expression?

$$\frac{\binom{6}{5}}{\binom{6}{3}}$$

a	b	c
6	$\frac{1}{20}$	$\frac{3}{10}$

6 What is the value of this probability expression?

$$\frac{\binom{6}{2}}{\binom{4}{4}}$$

a	b	c
15	6	$\frac{2}{5}$
d	**e**	
1	$\frac{3}{2}$	

7 What is the value of this probability expression?

$$\frac{\binom{4}{4}}{\binom{3}{2}}$$

a	b	c
6	$\frac{1}{3}$	$\frac{1}{6}$
d		
1		