

Probabilities of Compound Events - Matching Worksheet

Find the answer that best matches each scenario.

1. Simon has white and red scarves. He also has socks that are pink and green. How many ways can he wear scarves with socks.

Language		
Urdu	Pencil	Pen
French	Pencil	Pen

2. Henry writes his name in the Urdu and French language with a pen and pencil. How many ways can he write his name?

Scarves	Socks	
white	Pink	Green
red	Pink	Green

3. Smith wants to write the letters of the word "ONE" in different ways. How many possible ways can he write the letters of the word?

Toys	Dresses		
Barbie	Blue	Red	Yellow
Princess	Blue	Red	Yellow

4. Kevin has to fill in three figures (a doll, a ball and a kite) with different colors (blue or green). In how many ways can the figures be colored?

d. 37.5%

5. A two-sided coin will be tossed three times. What is the probability that two "tails" and one "heads" will be the outcome (regardless of the order)?

e.

1 st	2 nd
Richard	Bryan
Bryan	Richard

6. Richard and Kelly were racing. How many possible ways could the 2 friends place? They are the only racers.

Bell	Blue	Green
Doll	Blue	Green
Kite	Blue	Green

7. Sam has two toys (Barbie and Princess). She has three dresses (blue, red, and yellow). In how many ways can she dress the two toys?

g. 6

