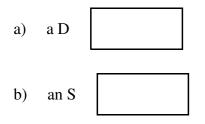
Simple probability - choosing letters from words and numbers from lists

from lists					
Name:	Class:	Date:			
		Mark	/6	%	
1) Alan choose	es a letter at random from the word MO	NTH.		[1]	
Find the proba	bility that he chooses				
a) an N					
b) an M					

2) Jesse chooses a letter at random from the word SECONDS.

Find the probability that he chooses

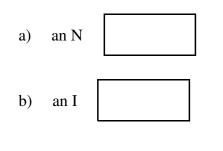


3) Caleb chooses a letter at random from the word SIGNIFICANT.

[1]

[1]

Find the probability that he chooses



4) A number is chosen at random from the set of numbers

3,4,5,6,7,8,9,10,11,12,13,14,15

Find the probability that the number is

- a) an even number
- b) an odd number



5) A number is chosen at random from the set of numbers below

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

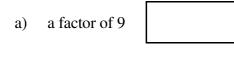
Find the probability that the number is

a)	a square number	
b)	a prime number	
c)	a multiple of 5	

6) A number is chosen at random from the set of numbers

1,2,3,4,5,6,7,8,9,10

Find the probability that the number is



b) a cube number

[1]

[1]

Solutions for the assessment Simple probability - choosing letters from words and numbers from lists

1) a)
$$P(an N) = \frac{1}{5}$$
, b) $P(an M) = \frac{1}{5}$
2) a) $P(a D) = \frac{1}{7}$, b) $P(an S) = \frac{2}{7}$

3) a) P(an N) =
$$\frac{2}{11}$$
, b) P(an I) = $\frac{3}{11}$
b) P(odd number) = $\frac{7}{13}$
b) P(odd number) = $\frac{6}{13}$

5) a) P(square number) =
$$\frac{1}{4}$$

b) P(prime number) = $\frac{3}{8}$
c) P(multiple of 5) = $\frac{3}{16}$
6) a) P(factor of 9) = $\frac{3}{10}$
b) P(cube number) = $\frac{1}{5}$

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