

Worksheet 2015-5EP-00001

PROBABILITY

○	X	●	X	●	X	♡	○	♡	●	●	X	●	X	●	★	○	○	♡	○
★	○	♡	●	★	★	●	★	●	♡	X	○	●	●	●	★	♡	○	♡	♡
●	X	X	●	●	♡	♡	X	♡	●	★	●	♡	●	♡	X	●	♡	X	●
X	●	♡	●	♡	●	♡	○	♡	●	★	★	★	●	●	♡	●	♡	○	○

- (1) Complete the table and answer the questions
How many shapes are in the block?

●	●	●	♡	★	X	○	TOTAL
7	13	8	20	10	12	10	80

PUT ALL THE SHAPES IN A BAG

- (a) What is the chance that you will take a ● out of the bag? $\frac{8}{80}$
- (b) What is the chance that you will take a ★ out of the bag? $\frac{10}{80}$
- (c) What is the chance that you will take a ♡ out of the bag? $\frac{20}{80}$
- (d) What is the chance that you will not take a circle out of the bag? $\frac{55}{80}$
- (e) Which shapes will make halve of all the shapes? *(When add together.)*

MARK THE BLOCKS WITH A 'X'.

●	●	●	♡	★	X	○
			X	X		X

- (f) Which shapes have the biggest chance to be taken out?

MARK THE BLOCK WITH A 'X'.

●	●	●	♡	★	X	○
			X			

PUT ALL THE CIRCLES IN A BAG

- (g) What is the chance that you will take a ● out of the bag? $\frac{7}{28}$
- (h) What is the chance that you will take a ● out of the bag? $\frac{8}{28}$
- (i) What is the chance that you will take a ● out of the bag? $\frac{13}{28}$