SE Geometry Unit 8 – Probability Name: Date:	8.1 – Practice
Write down two more elements in each set: 1. {2, 4, 6, 8,} 10, 12	
2. {Sunday, Monday, Tuesday,} wednesday, Thu	
3. {1, 4, 9, 16,} 25 36 (perfect square	
Set A = {whole numbers from 1 to 25} 4. List the subset B {multiples of 5} {5, 10, 15, 20, 25}	
5. List the subset C {multiples of 3} £3, 6, 9, 12, 15, 18, 3	21, 24}
 6. List the subset D {perfect squares} £1, 4, 9, 16, 25} 7. List the elements that are in both subsets B and C. £15} 	·
State whether each of the following statements is true or false.	Soft 122 - 154
8. {Mexico, Canada} ⊂{Countries in Europe} <u>false</u>	
9. $\{\text{mango, banana}\} \subset \{\text{fruit}\} $ _ true _ 10. $\{\text{volleyball, basketball, football}\} \subset \{\text{team sports}\}$ _ true	G 4
11.{potatoes} ⊂{carrots} <u>false</u>	
in water, can swim { live birth	FISH have fins Internal skeletons live in water can swirm breathe water lay eggs have legs SHRIMP
10. THE COMPANY OF COMMINION TO CONSTRUCT OF STATE AND S	

17. Subset {can swim}= {jellyfish, fish, Sharks, whales, sea turtles, humans, duaks, dogs shrimp?

18. Subset {have fins} = $\frac{5}{100}$ Sharks, whales?

19. Subset {breath air} = \text{\text{Ewhale, sea} turtles, humans, ducks, dogs, chimps, spiders, chickadees?

21. Is {have fins} ⊂ {can swim}? Uts

22. Is {have fins} < {breath air}? NO

23. What animals are in both {can swim} and {breath air}? { whales, Sea

CAN SWIM BREATHE AIR HAVE fish sea turties chimpanzees humans spiders ducks chickadees dogs HAVE LEGS

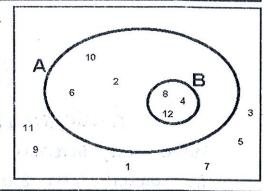
turtles, humans, ducks, dogs?

25. List the elements of subset (A). **E**(6, 10, 2, 8, 4, 125

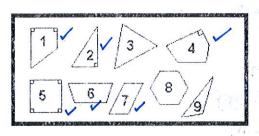
26. List the elements of subset {B}. £8,4,12{

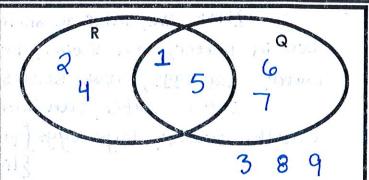
27. Is $\{A\} \subset \{B\}$? \bigcirc

28. Is {B} ⊂ {A}? <u>Yes</u>



29. Complete the Venn diagram.





Set R contains shapes with a right angle (90°). Set Q contains shapes with four sides.