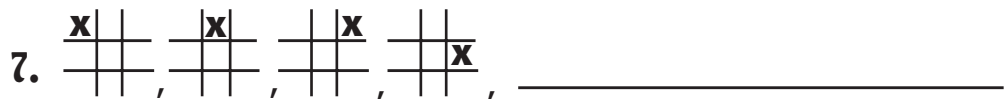
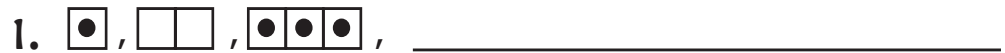






## Salute to Sequencing

Study each sequence. Draw the next four logical pictures in the sequence.





Look at the numbers in each flag. Read the rule, then write the next four numbers of the pattern.

Flag 1: rule-  $+2, +4, +6, +8$  0, 2, 6, 12, \_\_\_\_\_

Flag 2: rule-  $\times 2$  7, 14, 28, 56, \_\_\_\_\_

Flag 3: rule-  $\times 2$  2, 4, 8, 16, \_\_\_\_\_

Flag 4: rule-  $+3, +5, +7$  3, 6, 11, 18, \_\_\_\_\_

Flag 5: rule- tens and ones place increase by 1 each time. 12, 23, 34, 45, \_\_\_\_\_

Flag 6: rule-  $+4, -1, +4, -1$  1, 5, 4, 8, \_\_\_\_\_

Flag 7: rule-  $\times 2, -2, \times 2, -2$  3, 6, 4, 8, \_\_\_\_\_

Flag 8: rule-  $-12$  96, 84, 72, 60, \_\_\_\_\_

Flag 9: rule-  $+8$  48, 56, 64, 72, \_\_\_\_\_

**Bonus** - Extend the number patterns in each flag as far as you wish.



## Round and Round

Round each number to the nearest . . .

ten.      57 \_\_\_\_\_      85 \_\_\_\_\_      77 \_\_\_\_\_      97 \_\_\_\_\_  
            42 \_\_\_\_\_      16 \_\_\_\_\_      33 \_\_\_\_\_      45 \_\_\_\_\_

hundred.    116 \_\_\_\_\_      784 \_\_\_\_\_      345 \_\_\_\_\_  
                  571 \_\_\_\_\_      901 \_\_\_\_\_      650 \_\_\_\_\_  
                  350 \_\_\_\_\_      446 \_\_\_\_\_      891 \_\_\_\_\_

thousand.    3783 \_\_\_\_\_      2520 \_\_\_\_\_  
                  4015 \_\_\_\_\_      7500 \_\_\_\_\_  
                  2067 \_\_\_\_\_      4474 \_\_\_\_\_  
                  1814 \_\_\_\_\_      6642 \_\_\_\_\_  
                  5789 \_\_\_\_\_      8417 \_\_\_\_\_

Round the approximate distances between these cities to the nearest thousand.

	Kilometres	Nearest Thousand
Sydney to Hobart	1267	_____
Perth to Adelaide	2104	_____
Melbourne to Darwin	3157	_____

Mr Watiz Yer Code, the mathematical postman, uses city post codes to practise his rounding skills. Help him complete the chart.



Cities	Zip Codes	Round to Hundreds	Round to Thousands
Altona VIC	3018		
Bundaberg QLD	4670		
Curtin ACT	2605		
Dulverton TAS	7307	7300	
Esperance WA	6450		
Fitzroy SA	5082		
Geelong VIC	3220		
Homebush NSW	2140		
Ironbark QLD	4306		4000
Jerilderie NSW	2716		
Katherine NT	0850		
Legana TAS	7277		
Mandurah WA	6210		
Newton SA	3074		