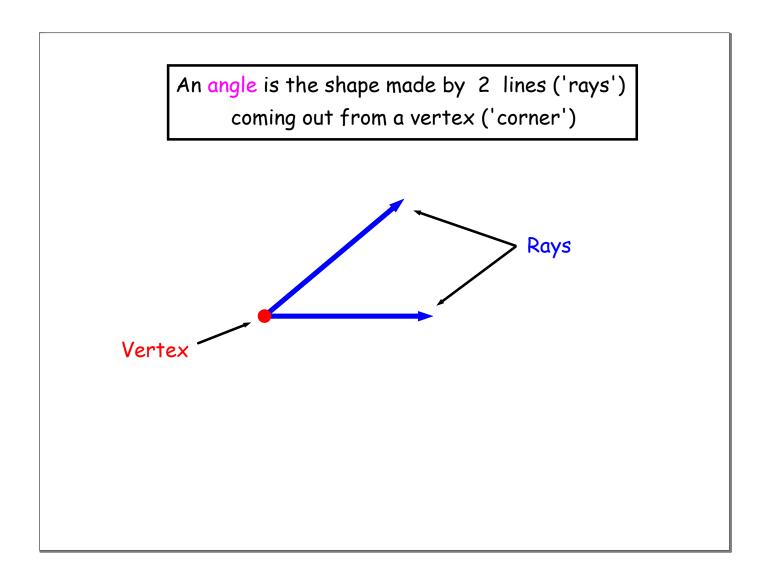
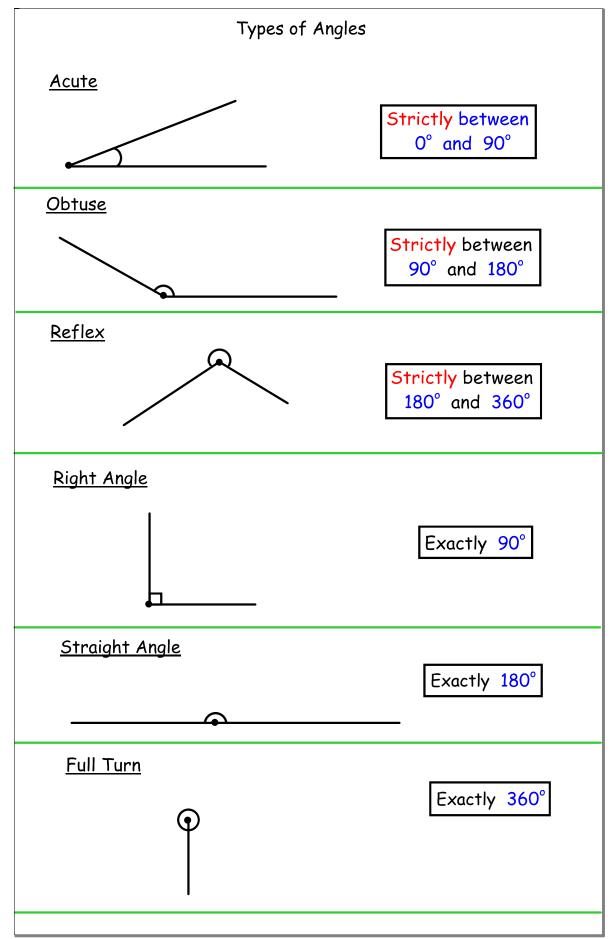
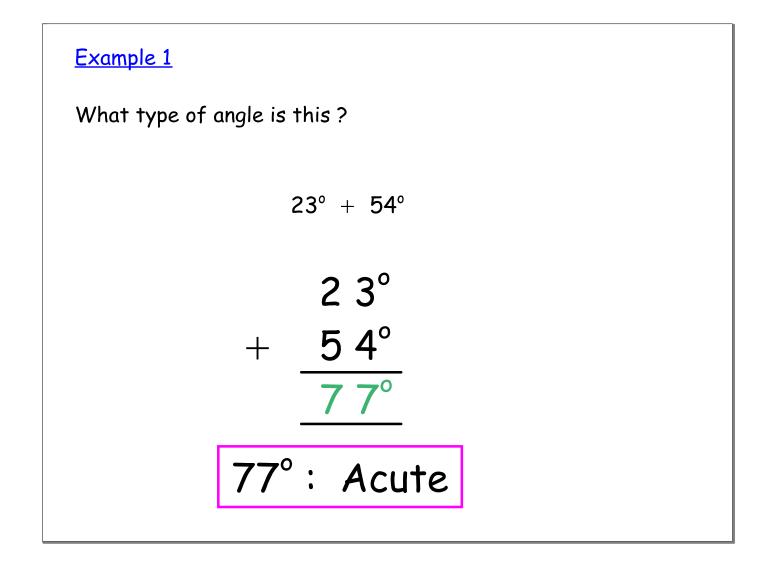


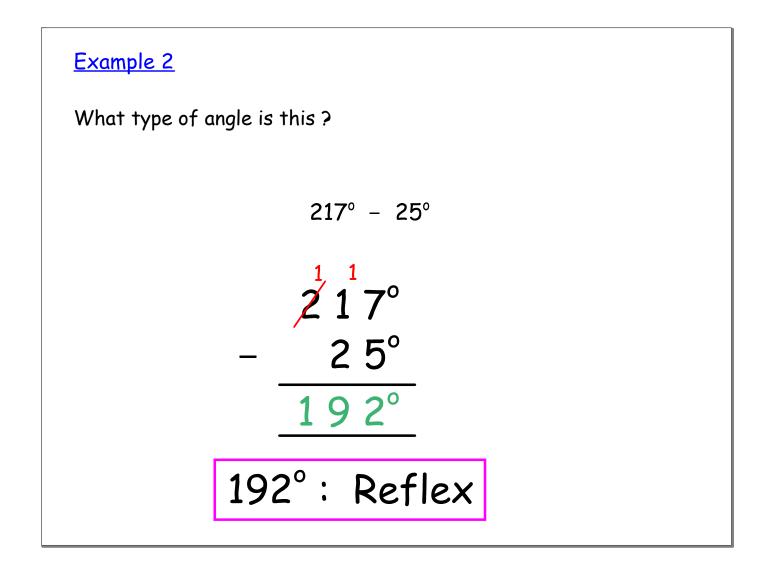
<u>Literacy Link :</u>

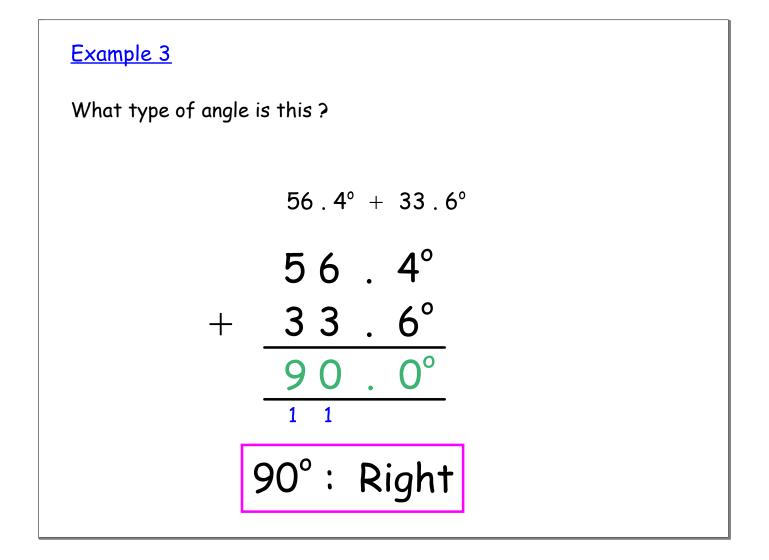
The word 'angle' comes from the Latin word 'angulus' (corner)











1) $55^{\circ} + 27^{\circ}$ 11) $33.6^{\circ} + 146.4^{\circ}$ 2) $132^{\circ} + 58^{\circ}$ 12) $316.7^{\circ} - 270^{\circ}$ 3) $115^{\circ} - 25^{\circ}$ 13) $136.8^{\circ} + 42.2^{\circ}$ 4) $257^{\circ} - 60^{\circ}$ 14) $360^{\circ} - 270.1^{\circ}$	Work out the answer to each angle sum below and state what type of angle the answer is.							
3) $115^{\circ} - 25^{\circ}$ 13) $136 \cdot 8^{\circ} + 42 \cdot 2^{\circ}$	1)	55° + 27° 11	$33.6^{\circ} + 146.4^{\circ}$					
	2)	132° + 58° 12	316 . 7° – 270°					
4) $257^{\circ} - 60^{\circ}$ 14) $360^{\circ} - 270^{\circ}$ 1°	3)	115° – 25° 13	$136.8^{\circ} + 42.2^{\circ}$					
(-7) (-7)	4)	257° - 60° 14	360° – 270.1°					
5) $192^{\circ} + 168^{\circ}$ 15) $192 \cdot 4^{\circ} + 167 \cdot 6^{\circ}$	5)	192° + 168° 15	$192.4^{\circ} + 167.6^{\circ}$					
6) 176° - 86° 16) 204.3° - 180.4°	6)	176° – 86° 16	204 . 3° – 180 . 4°					
7) $116^{\circ} - 25^{\circ}$ 17) $0.01^{\circ} + 179.1^{\circ}$	7)	116° – 25° 17	$0.01^{\circ} + 179.1^{\circ}$					
8) $165^{\circ} - 98^{\circ}$ 18) $249.5^{\circ} + 110.5^{\circ}$	8)	165° – 98° 18	249.5° + 110.5°					
9) $76^{\circ} + 104^{\circ}$ 19) $360^{\circ} - 180.1^{\circ}$	9)	76° + 104° 19	360° – 180 . 1°					
10) 357° - 68° 20) 178.43° + 181.56°	10)	357° - 68° 20	$178.43^{\circ} + 181.56^{\circ}$					

Answers					
1)	55° + 27°	82°, acute	11)	33 . 6° + 146 . 4° 180°, straight	
2)	132° + 58°	190°, reflex	12)	316 . 7° – 270° 46 . 7°, acute	
3)	115° – 25°	90°, right	13)	$136.8^{\circ} + 42.2^{\circ}179^{\circ}$, obtuse	
4)	257° - 60°	197°, reflex	14)	360° - 270.1° 89.9°, acute	
5)	192° + 168°	360°, full turn	15)	$192.4^{\circ} + 167.6^{\circ}_{360^{\circ}}$, full turn	
6)	176° – 86°	90°, right	16)	204 . 3° - 180 . 4° 23 . 9°, acute	
7)	116° – 25°	91°, obtuse	17)	$0.01^{\circ} + 179.1^{\circ} 179.11^{\circ}$, obtuse	
8)	165° – 98°	67°, acute	18)	$249.5^{\circ} + 110.5^{\circ} 360^{\circ}$, full turn	
9)	$76^{\circ} + 104^{\circ}$	180°, <mark>s</mark> traight	19)	360° - 180.1° 179.9°, obtuse	
10)	357° – 68°	289°, reflex	20)	$178.43^{\circ} + 181.56^{\circ}$ 359.99°, reflex	

R E C A P

- 1) How many 90° angles add up to make a full turn ?
- 2) How many 15° angles add up to make a right angle ?
- 3) What is the smallest number of 10° angles needed to make a reflex angle ?

