

# SO44 pie charts

① pre chart drawn

apple =  $108^\circ$

banana =  $138^\circ$

orange =  $54^\circ$

pear =  $60^\circ$

② pre chart drawn

athletics =  $104^\circ$

cycling =  $136^\circ$

swimming =  $64^\circ$

gymnastics =  $56^\circ$

③ a)  $\frac{150}{360} = \frac{5}{12}$

b) 42

c) not enough information, don't know the total quantity

④ a) No,  $40^\circ$  as a percentage of  $360^\circ$  is greater than 10%

b) 75

⑤ a)  $\frac{120}{360}$

b) 18000

⑥ 11

⑦ No, School A = 200, School B = 190

⑧ MDW	18	$45^\circ$
Carza	36	$90^\circ$
Zusuki	48	$120^\circ$
Monda	42	$105^\circ$

⑨ pie chart completed

Tulip = 130 =  $117^\circ$

Hyacinth = 90 =  $81^\circ$

Daffodil =  $162^\circ$

⑩

Year 7 : £250

Year 9 : £137.50

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Amount	£250	£137.50

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