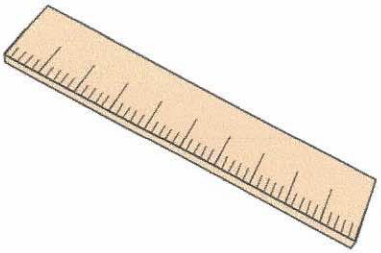
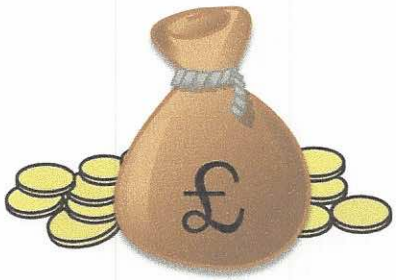
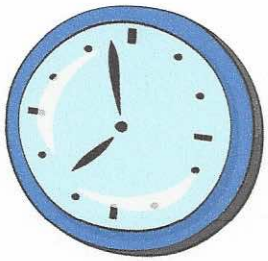
Primary Practice Questions

Corbettmaths





Pie Charts



Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

Recap

Remember

- There are daily questions found at
  www.corbettmaths.com/5-a-day/primary

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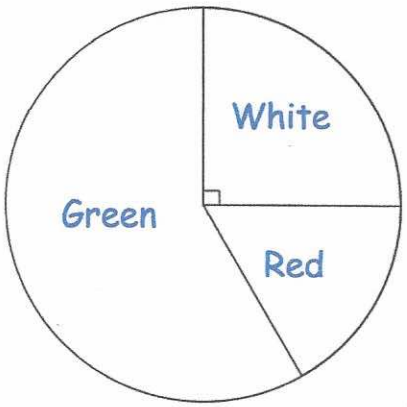
1. This pie chart shows the colour of sweets in a bag.



What is the most common colour of sweet?

Green

What is the least common colour of sweet?

Red

What fraction of the sweets are white?

$\frac{1}{4}$

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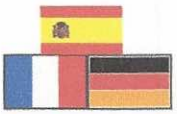
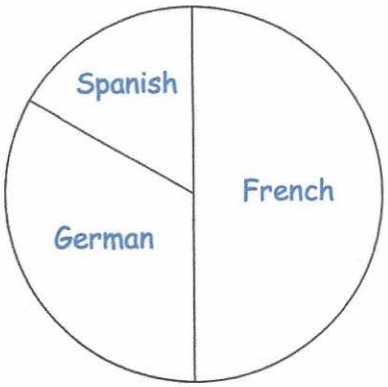
2. The children in Year 7 study one language.

They study either French, German or Spanish





What is the least popular language?

Spanish

There are 120 children in Year 7.

How many children study French?

$120 \div 2$

60

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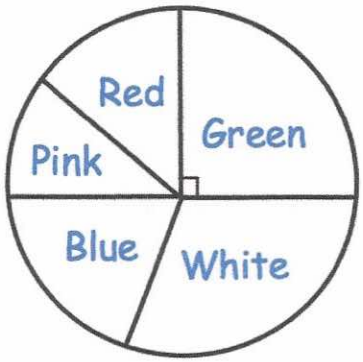
3. The pie chart shows the colours of 32 beads.



How many beads are green?

$32 \div 4$

8

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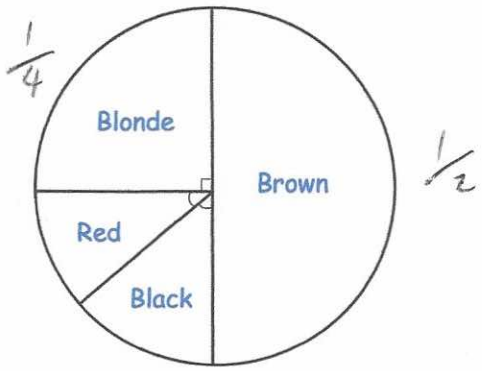
4. The pie chart shows information about the hair colour in a class.



There are 24 children in the class.

How many children have blonde hair or brown hair?

12 brown
6 blonde

18

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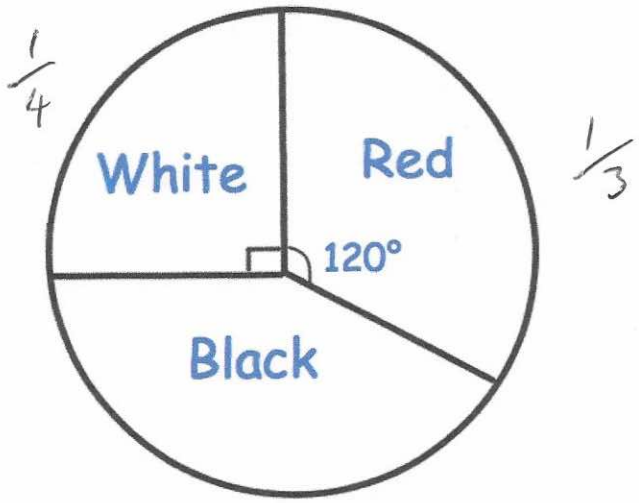
5. A bag contains red, white and black counters.

The pie chart shows information about the counters in the bag.



There are 48 counters in the bag.

How many counters are black?

White : $48 \div 4 = 12$

Red : $48 \div 3 = 16$

$16 + 12 = 28$

$48 - 28 = 20$

20

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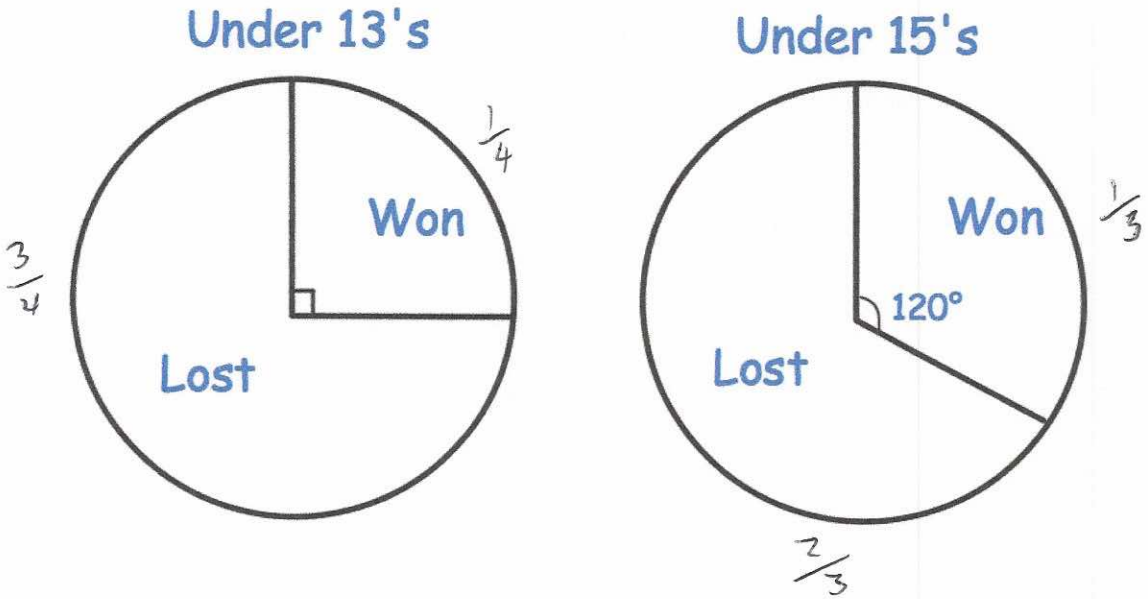
6. A school has two rugby teams, Under 13's and Under 15's.

The pie charts show information about the number of matches each team won and lost, last season.



The Under 13's played 28 matches.
The Under 15's played 18 matches.

Tick the statements that are true

The Under 15's won **a third** of their matches ✓

The Under 13's lost **a quarter** of their matches ☐

The Under 13's won 7 matches $28 \div 4 = 7$ ✓

The Under 15's won more matches that the Under 13's ☐

$18 \div 3 = 6$ 7

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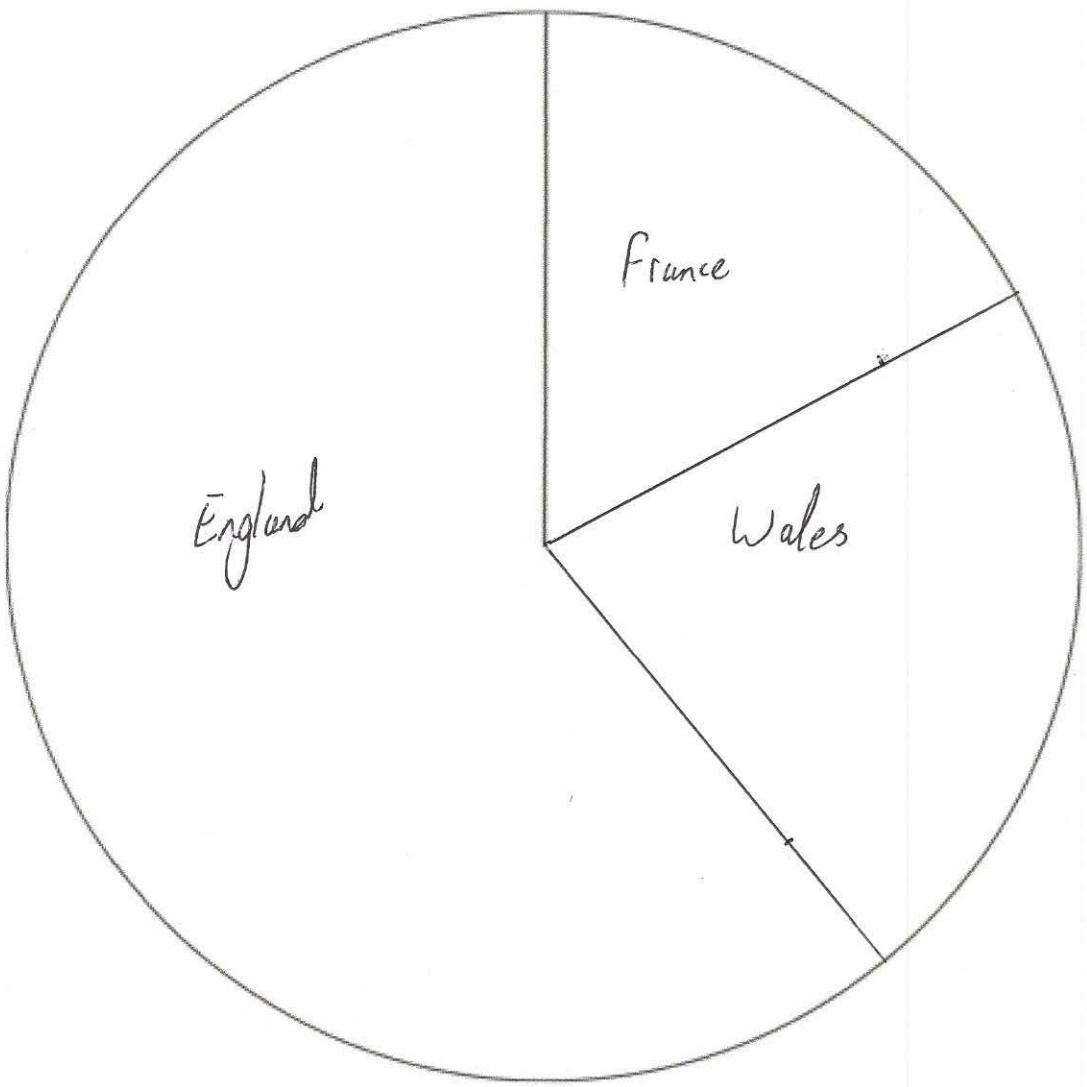
7. The table gives information about the holiday destination of 18 students in a class.

$360 \div 18 = 20$

Country	Frequency	Angle
France	3 $\times 20$	60°
Wales	4 $\times 20$	80°
England	11 $\times 20$	220°
	18	

Draw an accurate pie chart to show this information



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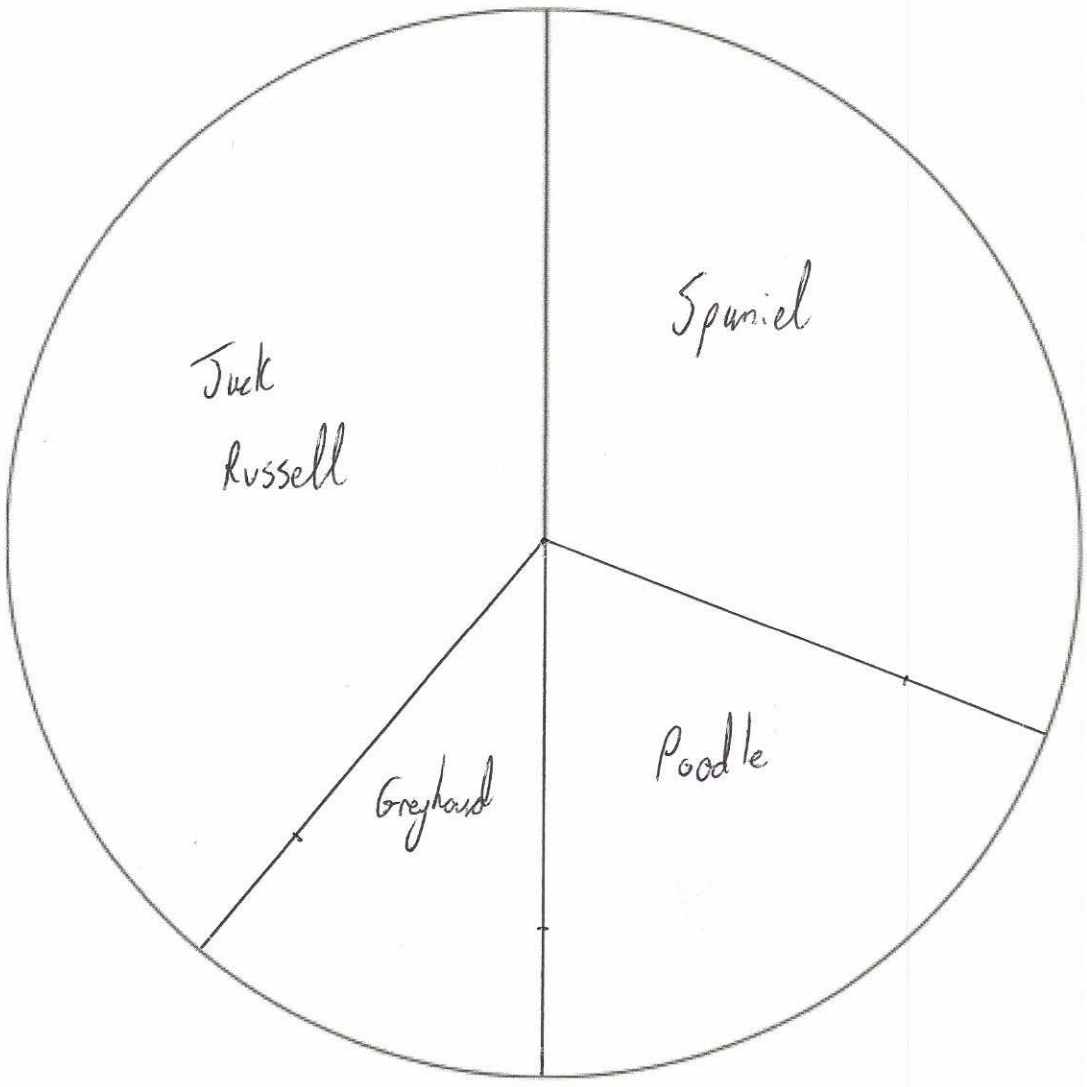
8. The table gives information about the dogs in a village

$360 \div 36 = 10°$

Breed	Frequency		Angle
Spaniel	11	$\times 10$	$110°$
Poodle	7	$\times 10$	$70°$
Greyhound	4	$\times 10$	$40°$
Jack Russell	14	$\times 10$	$140°$
	36		

Draw an accurate pie chart to show this information



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