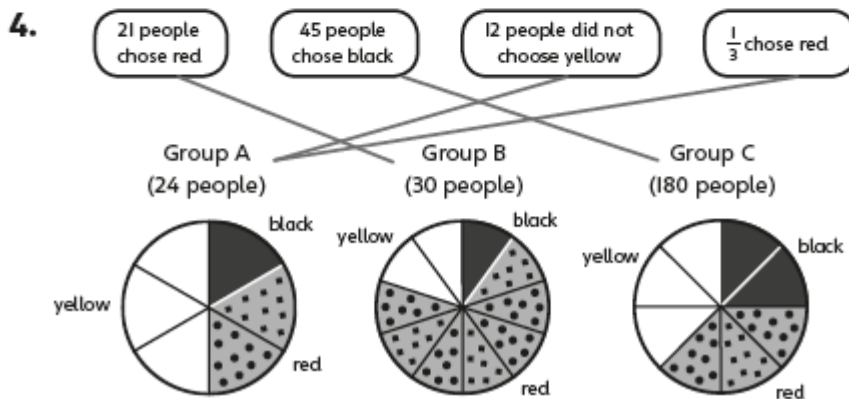


Monday-Tuesday

→ pages 105–107

- The horse spends $\frac{1}{6}$ of the day sleeping.
The cat spends $\frac{1}{2}$ of the day sleeping.
The boy spends $\frac{2}{3}$ of the day awake.
The cat sleeps most in a day and sleeps for 12 hours.
- Jamilla = $\frac{5}{16}$, Isla = $\frac{6}{16} = \frac{3}{8}$, Aki = $\frac{4}{16} = \frac{1}{4}$, Bella = $\frac{1}{16}$
- Amelia is correct. The Tigers have lost $\frac{1}{4}$ of 48 = 12;
The Bears have lost $\frac{1}{2}$ of 20 = 10.



- Answers will vary but should be close to the following and total 1: cat food = $\frac{3}{20}$, dog food = $\frac{2}{5}$ and bird seed = $\frac{9}{20}$.
 - Answers will depend on the children's fractions in part a) but should be approximately: cat food = £45, dog food = £120 and bird seed = £135.

Reflect

Answers will vary; look for children mentioning twelfths, quarters and two-thirds.

Wednesday

→ pages 108–110

1.

Type of tree	Number seen
birch	16
oak	12
pine	4
fir	8
Total	40

2. a) 60 birds were sighted altogether.
b) 15 blackbirds were sighted.
3. Bella threw more than 70 times. False
Max threw fewer beanbags than Bella. True
Bella scored 3 more bullseyes than Max. False
4. $\frac{5}{12}$ like curry.
288 children like pizza and curry.
5. a) $\frac{1}{14}$ is mango.
b) 50 ml more pineapple is needed.

Reflect

Answers will vary.

→ pages 111–113

- 25%; 16%; 30%
- Bella = 15 votes; Zac = 21 votes; Isla = 12 votes;
Reena = 12 votes
- 24 more people shop online than in second-hand shops.
- Both teams were 60% successful.
- There are 30 more birch trees in Lanhay Forest than in Hetiddy Woods.

Reflect

Children's pie charts should show $\frac{1}{4}$ (= 25%), 10% ($\frac{1}{10}$) and 15% ($\frac{3}{20}$) with the remainder $\frac{1}{2}$ or 50%.

Thursday

→ pages 114–116

1. a) 2:30 = 15 °C 5 pm = -3 °C
b) It decreases by 24.5 °C.
c) 4:45–4:48 pm
d) (Approximately) -5.75 °C
2. 1995: answers from 65,000–74,000
2005: answers from 200,150–200,250
3. a) 110 km
b) The cyclist slowed to climb a steep hill between 30 minutes and 90 minutes.
The cyclist rested for 10 minutes after 120 minutes of racing.
After 102–105 minutes the cyclist had completed half the distance.
The cyclist raced most quickly between 130 minutes and 160 minutes.
4. a) $\frac{1}{3}$
b) Answers approximately 30% +/- 3%
c) Answers approximately 60% +/- 3%

Reflect

Answers will vary. Children should mention the scales on the axes and how to read in between the marked intervals.