

Revision 2

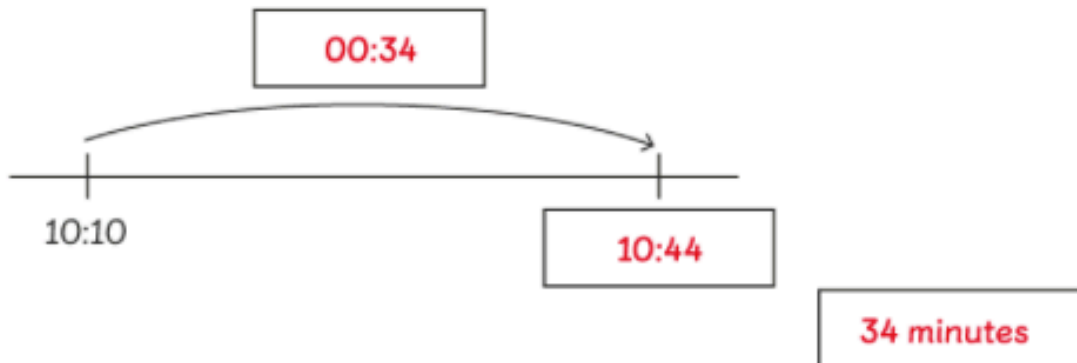
- 1 This table shows part of the Eastbound train service from Gospel Oak to Barking on Sundays.

Eastbound towards Barking			Eastbound towards Barking		
Gospel Oak	South Tottenham	Barking	Gospel Oak	South Tottenham	Barking
Depart	Arrive	Arrive	Depart	Arrive	Arrive
08:55	09:08	09:29	09:55	10:08	10:29
09:10	09:23	09:44	10:10	10:23	10:44
09:25	09:38	09:59	10:25	10:38	10:59
09:40	09:53	10:14			

- (a) Emma and Ravi took the train to Barking. Emma got on the train at 08:55 from Gospel Oak, while Ravi got on the train at 09:23 from South Tottenham. Who will arrive earlier at Barking? How much earlier?

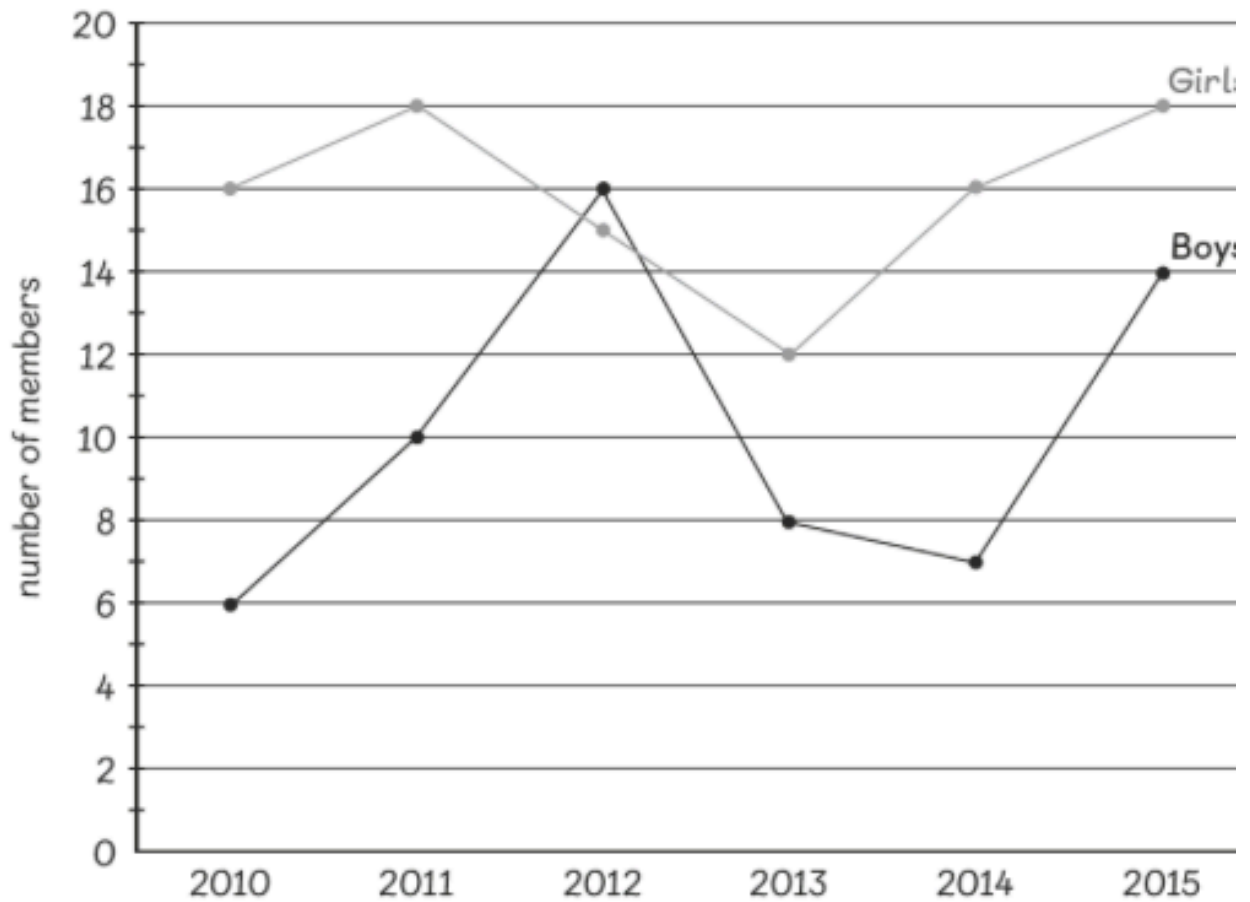
Emma will arrive at Barking 15 minutes earlier than Ravi

- (b) Hannah took a train from Gospel Oak to Barking. She got on the train at 10:10. How long was her train journey?



2

This line graph shows the number of boys and girls in a school Debating Club from 2010 to 2015.



(a) In which year did the Debating Club have the most members?

2015

(b) In which year were there more boys than girls in the Debating Club?

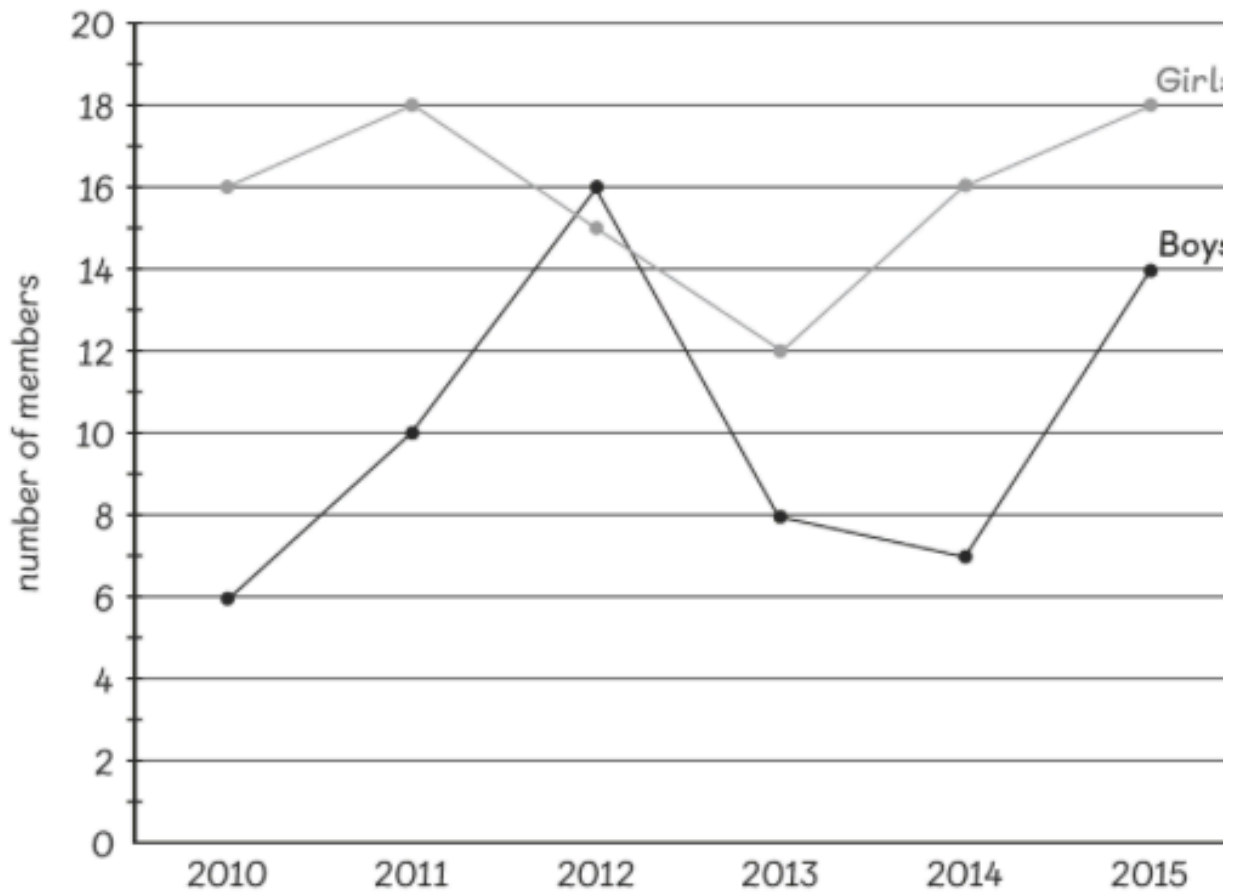
2012

(c) What can you say about the number of girls in the Debating Club from 2011 to 2015?

The number of girls decreased till 2013 and then increased again

2

This line graph shows the number of boys and girls in a school Debating Club from 2010 to 2015.



(a) In which year did the Debating Club have the most members?

2015

(b) In which year were there more boys than girls in the Debating Club?

2012

(c) What can you say about the number of girls in the Debating Club from 2011 to 2015?

The number of girls decreased till 2013 and then increased again

- 3 (a) Arrange these fractions in ascending order.

$$\frac{5}{6}, \quad \frac{1}{3}, \quad \frac{4}{9}, \quad \frac{1}{6}$$

$$\frac{1}{6}, \quad \frac{1}{3}, \quad \frac{4}{9}, \quad \frac{5}{6}$$

- (b) Arrange these fractions in descending order.

$$2\frac{1}{8}, \quad 1\frac{7}{9}, \quad 2\frac{3}{4}, \quad \frac{8}{9}$$

$$2\frac{3}{4}, \quad 2\frac{1}{8}, \quad 1\frac{7}{9}, \quad \frac{8}{9}$$

- 4 Write as improper fractions.

(a) $4\frac{1}{5} = \frac{21}{5}$

(b) $3\frac{7}{8} = \frac{31}{8}$

- 5 Write as mixed numbers.

(a) $\frac{7}{6} = 1\frac{1}{6}$

(b) $\frac{15}{4} = 3\frac{3}{4}$

- 6 Fill in the equivalent fractions.

(a) $\frac{1}{4} = \frac{9}{36} = \frac{12}{48} = \frac{25}{100}$

(b) $\frac{4}{5} = \frac{8}{10} = \frac{80}{100} = \frac{28}{35}$

$$(c) \quad \frac{14}{21} = \boxed{\frac{2}{3}} = \boxed{\frac{10}{15}} = \boxed{\frac{20}{30}}$$

7 Add and give your answers in the simplest form.

$$(a) \quad \frac{1}{2} + \frac{1}{8} = \frac{5}{8}$$

$$(b) \quad \frac{1}{4} + \frac{5}{12} = \frac{8}{12} = \frac{2}{3}$$

$$(c) \quad \frac{2}{3} + \frac{5}{6} = \frac{9}{6} = \frac{3}{2} = 1\frac{1}{2}$$

$$(d) \quad 2\frac{1}{5} + \frac{3}{10} = \frac{25}{10} = \frac{5}{2} = 2\frac{1}{2}$$

8 Subtract and give your answers in the simplest form

$$(a) \quad \frac{7}{8} - \frac{3}{4} = \frac{1}{8}$$

$$(b) \quad \frac{2}{3} - \frac{2}{9} = \frac{4}{9}$$

$$(c) \quad 2\frac{1}{2} - \frac{7}{10} = \frac{18}{10} = 1\frac{4}{5}$$

$$(d) \quad 4\frac{3}{4} - 2\frac{11}{12} = \frac{22}{12} = 1\frac{5}{6}$$

9 Multiply and give your answers in the simplest form.

$$(a) \quad 7 \times \frac{3}{4} = \frac{21}{4} = 5\frac{1}{4}$$

$$(b) \quad \frac{5}{6} \times 8 = \frac{40}{6} = 6\frac{2}{3}$$

$$(c) \quad 1\frac{7}{9} \times 5 = \frac{80}{9} = 8\frac{8}{9}$$

$$(d) \quad 2\frac{5}{8} \times 4 = \frac{84}{8} = 10\frac{1}{2}$$

10 Ruby baked 5 apple pies to share equally with 4 people.

What fraction of the apple pies will each person get?

$$\boxed{5} \quad \circ \quad \boxed{4} = \boxed{\frac{5}{4}} = \boxed{1\frac{1}{4}}$$

Each person will get $\boxed{1\frac{1}{4}}$ pies.