



YOUNG MASTER CHALLENGE

Little Bee MATHEMATICS



Sample Knowledge Test Questions

1) Here are four numbers.

1,468,000

864,001

846,100

1,060,840

Which one is the correct order of the numbers **from the largest to the smallest**?

A) 1,468,000 - 864,001 - 846,100 - 1,060,840

B) 1,060,840 - 1,468,000 - 864,001 - 846,100

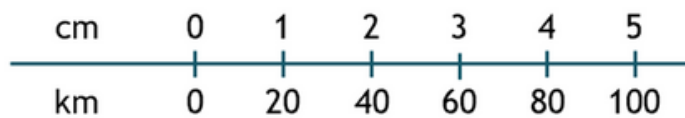
C) 846,100 - 864,001 - 1,060,840 - 1,468,000

D) 1,468,000 - 1,060,840 - 864,001 - 846,100

(Topic: Number - 2 marks)

2) The distance between the two cities is 250 kilometres.

On a map, 1 cm represents 20 km.



How far apart are the two cities on the map?

A) 13 cm

B) 12.5 cm

C) 12 cm

D) 10 cm

(Topic: Ratio - 2 marks)

3) Ibrahim and Selim go to the cinema.

There are two films to choose from.

Film	Start time	Length of film
Wild Robot	4:30 pm	1 hour 25 minutes
Paddington	16:15	110 minutes

Ibrahim chose the film that ends the latest, and Tim chose the film that ends the earliest. **How many minutes** will Tim **have to wait** for Ibrahim after his film ends?

A) 5 minutes

B) 10 minutes

C) 15 minutes

D) 20 minutes

(Topic: Measurement - 3 marks)

4) Six children grew sunflowers and measured their heights.

Sue	Dan	Jaz	Ali	Benji	Preeti
148 cm	139 cm	174 cm	95 cm	107 cm	81 cm

What is **the mean average height** of their sunflowers?

- A) 124 cm
- B) 100 cm
- C) 174 cm
- D) 95 cm

(Topic: Statistics - 3 marks)

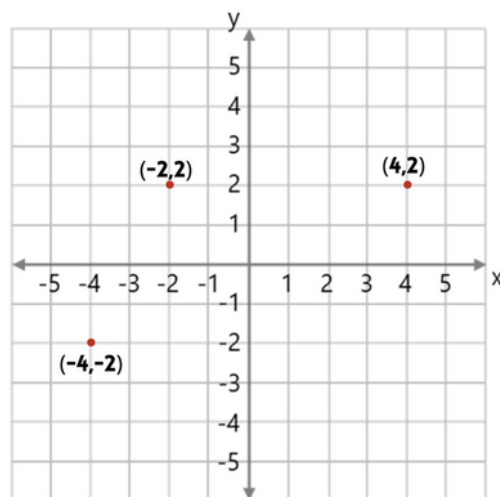
5) In a classroom, the ratio of boys to girls is 3:4.

If there are 21 boys, **how many girls** are there?

- A) 35
- B) 30
- C) 28
- D) 25

(Topic: Ratio - 5 marks)

6) A quadrilateral has four vertices with these co-ordinates.
(-2,2), (4,2), (-4,-2) and (2,-2).



John has plotted the first three vertices of the quadrilateral on the coordinate grid.
Plot the final edge of the quadrilateral. What is **the name of this quadrilateral**?

- A) Rectangle
- B) Parallelogram
- C) Trapezium
- D) Rhombus

(Topic: Geometry - 5 marks)