THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 5 · MATHEMATICS · PRACTICE PACK

Statistics

Year 5 of the national curriculum. Every question is worked through at the back, step by step, not just answered.

WHAT IS INSIDE

- Reading a line graph
- Timetables
- How each one is worked

The Striving Muslim Academy

2 sets · a hint on every question

Written for a parent teaching at home. No training assumed, and nothing else to buy.

strivingmuslimacademy.com

Reading a line graph

These get harder as you go down. Do them in order.



1. **The line graph shows the temperature. How many more at 13:00 than at 09:00?**

TIME	THE TEMPERATURE
09:00	10
10:00	19
11:00	26
12:00	31
13:00	53

Read both points off first: 53 and 10.

2. **The line graph shows how many cars were parked. How many more at 12:00 than at 10:00?**

TIME	HOW MANY CARS WERE PARKED
09:00	33
10:00	40
11:00	52
12:00	56
13:00	66

Read both points off first: 56 and 40.

The Striving Muslim Academy

Timetables

These get harder as you go down. Do them in order.



1. **The bus leaves at 11:00 and arrives at 11:25. How long is the journey, in minutes?**
   Count on to the next whole hour first, then the rest.

2. **The train leaves at 11:00 and arrives at 11:35. How long is the journey, in minutes?**
   Count on to the next whole hour first, then the rest.

3. **The coach leaves at 15:00 and arrives at 15:40. How long is the journey, in minutes?**
   Count on to the next whole hour first, then the rest.

4. **The ferry leaves at 14:00 and arrives at 14:50. How long is the journey, in minutes?**
   Count on to the next whole hour first, then the rest.

The Striving Muslim Academy

How each one is worked

Every answer here was calculated, not typed. If you find one that is wrong, tell us and we will correct the pack and send it to everybody who has it.



READING A LINE GRAPH

1. The line graph shows the temperature. How many more at 13:00 than at 09:00?

1. At 13:00 the line is at 53.
2. At 09:00 it is at 10.
3. 53 − 10 = 43.

Answer: **43**

2. The line graph shows how many cars were parked. How many more at 12:00 than at 10:00?

1. At 12:00 the line is at 56.
2. At 10:00 it is at 40.
3. 56 − 40 = 16.

Answer: **16**

3. The line graph shows how many people were waiting. How many more at 12:00 than at 11:00?

1. At 12:00 the line is at 63.
2. At 11:00 it is at 51.
3. 63 − 51 = 12.

Answer: **12**

4. The line graph shows the depth of water in a tank. How many more at 11:00 than at 09:00?

1. At 11:00 the line is at 28.
2. At 09:00 it is at 13.
3. 28 − 13 = 15.

Answer: **15**

5. The line graph shows the temperature in a greenhouse. How many more at 13:00 than at 09:00?

1. At 13:00 the line is at 67.
2. At 09:00 it is at 24.
3. 67 − 24 = 43.

Answer: **43**

The Striving Muslim Academy

SAMPLE PAGES

You have read a few pages. The pack is longer.

What you are holding is a short sample, taken from different parts of the pack so that you can see how a week is planned and what a child is actually asked to do, before you decide.

The complete pack, and the rest of the academic materials, are on our website: schemes of work for a parent teaching at home, and practice packs for the skills children get stuck on.

The Striving Muslim Academy

strivingmuslimacademy.com

Islamic and Academic Education

Members of the homeschool community do not buy these. If you have joined the community, the pack for the term you are working on is given to you at no cost.

Our Islamic Education classes are free. These packs are part of what pays the teachers who teach them.