THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 4 · MATHEMATICS · PRACTICE PACK

Statistics

Year 4 of the national curriculum. Every question is worked through at the back, step by step, not just answered.

WHAT IS INSIDE

- Reading a time graph
- Comparison, sum and difference
- Finding a missing value
- How each one is worked

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3 sets · a hint on every question

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

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Reading a time graph, continued



3. The time graph shows how many people were waiting through one day. At what time was it busiest?

TIME	HOW MANY PEOPLE WERE WAITING
08:00	16
10:00	8
12:00	25
14:00	29
16:00	34

Look for the highest reading, which is 34.

4. The time graph shows the depth of water in a tank through one day. At what time was it deepest?

TIME	THE DEPTH OF WATER IN A TANK
08:00	13 cm
10:00	25 cm
12:00	31 cm
14:00	17 cm
16:00	15 cm

Look for the highest reading, which is 31 cm.

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Finding a missing value

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



1. **Altogether 75 tickets were sold in the week. The chart shows every day but Friday. How many on Friday?**

DAY	TICKETS
Monday	8
Tuesday	11
Wednesday	17
Thursday	30

Add the days you can see, then take that from 75.

2. **Altogether 118 tickets were sold in the week. The chart shows every day but Monday. How many on Monday?**

DAY	TICKETS
Tuesday	32
Wednesday	18
Thursday	33
Friday	25

Add the days you can see, then take that from 118.

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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 TIME GRAPH

1. The time graph shows the temperature through one day. At what time was it warmest?

1. Read down the right hand column.
2. The highest is 19°C.
3. That is at 14:00.

Answer: **14:00**

2. The time graph shows how many cars were parked through one day. At what time was it busiest?

1. Read down the right hand column.
2. The highest is 36.
3. That is at 16:00.

Answer: **16:00**

3. The time graph shows how many people were waiting through one day. At what time was it busiest?

1. Read down the right hand column.
2. The highest is 34.
3. That is at 16:00.

Answer: **16:00**

4. The time graph shows the depth of water in a tank through one day. At what time was it deepest?

1. Read down the right hand column.
2. The highest is 31 cm.
3. That is at 12:00.

Answer: **12:00**

5. The time graph shows the temperature in a greenhouse through one day. At what time was it warmest?

1. Read down the right hand column.
2. The highest is 39°C.
3. That is at 08:00.

Answer: **08:00**

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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.

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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.