THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 2 · MATHEMATICS · PRACTICE PACK

Statistics

Year 2 of the national curriculum. Every question is worked through at the back, step by step, not just answered.

WHAT IS INSIDE

- Reading a tally chart
- Comparing two categories
- Totalling a table
- 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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Comparing two categories

These get harder as you go down, so do them in order.



1. **A block diagram shows 4 red and 7 blue. How many more blue than red?**
   Take 4 away from 7.

2. **A block diagram shows 9 cats and 3 dogs. How many more cats than dogs?**
   Take 3 away from 9.

3. **A block diagram shows 6 apples and 6 pears. How many more pears than apples?**
   Both bars show 6, so look carefully.

4. **A block diagram shows 12 boys and 5 girls. How many more boys than girls?**
   Take 5 away from 12.

5. **A block diagram shows 8 buses and 14 cars. How many more cars than buses?**
   Take 8 away from 14.

6. **A block diagram shows 11 sunny days and 2 rainy days. How many more sunny days than rainy days?**
   Take 2 away from 11.

7. **A block diagram shows 15 books and 9 comics. How many more books than comics?**
   Take 9 away from 15.

8. **A block diagram shows 7 chairs and 13 tables. How many more tables than chairs?**
   Take 7 away from 13.

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Quick check

One right answer each. Ring the letter. These are for seeing what has stuck, so try them without writing any working down.



1. **A table shows 8 Monday, 3 Tuesday, 5 Wednesday. How many altogether?**
   (A) 16 (B) 3 (C) 5 (D) 18

2. **A table shows 1 rain, 5 cloud, 8 sun, 2 snow. How many altogether?**
   (A) 11 (B) 16 (C) 23 (D) 7

3. **A table shows 3 red, 4 blue. How many altogether?**
   (A) 3 (B) 7 (C) 20 (D) 9

4. **A block diagram shows 12 boys and 5 girls. How many more boys than girls?**
   (A) 10 (B) 9 (C) 7 (D) 20

5. **A block diagram shows 11 sunny days and 2 rainy days. How many more sunny days than rainy days?**
   (A) 0 (B) 11 (C) 23 (D) 9

6. **A block diagram shows 4 red and 7 blue. How many more blue than red?**
   (A) 3 (B) 20 (C) 10 (D) 23

7. **How many does this tally show?** 𝍸 𝍸 𝍸 𝍸 |||
   (A) 23 (B) 10 (C) 11 (D) 18

8. **How many does this tally show?** 𝍸 𝍸 ||
   (A) 15 (B) 6 (C) 12 (D) 20

9. **A table shows 6 apples, 6 pears. How many altogether?**
   (A) 12 (B) 15 (C) 5 (D) 6

10. **How many does this tally show?** |||
    (A) 20 (B) 18 (C) 12 (D) 3

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How each one is worked, continued

COMPARING TWO CATEGORIES



1. A block diagram shows 4 red and 7 blue. How many more blue than red?

1. There are 4 red and 7 blue.
2. The difference is 7 − 4.
3. That is 3.

Answer: **3**

2. A block diagram shows 9 cats and 3 dogs. How many more cats than dogs?

1. There are 9 cats and 3 dogs.
2. The difference is 9 − 3.
3. That is 6.

Answer: **6**

3. A block diagram shows 6 apples and 6 pears. How many more pears than apples?

1. There are 6 apples and 6 pears.
2. The difference is 6 − 6.
3. They are equal, so the difference is 0.

Answer: **0**

4. A block diagram shows 12 boys and 5 girls. How many more boys than girls?

1. There are 12 boys and 5 girls.
2. The difference is 12 − 5.
3. That is 7.

Answer: **7**

5. A block diagram shows 8 buses and 14 cars. How many more cars than buses?

1. There are 8 buses and 14 cars.
2. The difference is 14 − 8.
3. That is 6.

Answer: **6**

6. A block diagram shows 11 sunny days and 2 rainy days. How many more sunny days than rainy days?

1. There are 11 sunny days and 2 rainy days.
2. The difference is 11 − 2.
3. That is 9.

Answer: **9**

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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.