THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 1 · MATHEMATICS · PRACTICE PACK

Number fractions

Year 1 of the national curriculum. Every question is worked through at the back, step by step, not just answered.

WHAT IS INSIDE

- Half of a number
- A quarter of a number
- Naming the part that is coloured
- How each one is worked

The Striving Muslim Academy

3 sets · a hint on every question

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

strivingmuslimacademy.com

A quarter of a number

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



1. **Find a quarter of 4.**
   Split 4 into four equal groups.

2. **Find a quarter of 8.**
   Split 8 into four equal groups.

3. **Find a quarter of 12.**
   Split 12 into four equal groups.

4. **Find a quarter of 16.**
   Split 16 into four equal groups.

The Striving Muslim Academy

Naming the part that is coloured



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

1. **A circle is cut into 2 equal parts. One part is coloured in. What is coloured?**
   Count the equal parts first. There are 2 of them.

2. **A square is cut into 4 equal parts. One part is coloured in. What is coloured?**
   Count the equal parts first. There are 4 of them.

3. **A rectangle is cut into 2 equal parts. One part is coloured in. What is coloured?**
   Count the equal parts first. There are 2 of them.

4. **A square is cut into 2 equal parts. One part is coloured in. What is coloured?**
   Count the equal parts first. There are 2 of them.

5. **A circle is cut into 4 equal parts. One part is coloured in. What is coloured?**
   Count the equal parts first. There are 4 of them.

6. **A rectangle is cut into 4 equal parts. One part is coloured in. What is coloured?**
   Count the equal parts first. There are 4 of them.

7. **A hexagon is cut into 2 equal parts. One part is coloured in. What is coloured?**
   Count the equal parts first. There are 2 of them.

8. **A octagon is cut into 4 equal parts. One part is coloured in. What is coloured?**
   Count the equal parts first. There are 4 of them.

The Striving Muslim Academy

How each one is worked, continued

A QUARTER OF A NUMBER, CONTINUED



5. Find a quarter of 20.

1. A quarter means one of four equal parts.
2. Share 20 into 4 equal groups.
3. Each group has 5, so a quarter of 20 is 5.

Answer: **5**

6. Find a quarter of 24.

1. A quarter means one of four equal parts.
2. Share 24 into 4 equal groups.
3. Each group has 6, so a quarter of 24 is 6.

Answer: **6**

7. Find a quarter of 32.

1. A quarter means one of four equal parts.
2. Share 32 into 4 equal groups.
3. Each group has 8, so a quarter of 32 is 8.

Answer: **8**

8. Find a quarter of 40.

1. A quarter means one of four equal parts.
2. Share 40 into 4 equal groups.
3. Each group has 10, so a quarter of 40 is 10.

Answer: **10**

NAMING THE PART THAT IS COLOURED

1. A circle is cut into 2 equal parts. One part is coloured in. What is coloured?

1. The circle has 2 equal parts.
2. One out of 2 equal parts is a half.
3. So a half of it is coloured.

Answer: **a half**

2. A square is cut into 4 equal parts. One part is coloured in. What is coloured?

1. The square has 4 equal parts.
2. One out of 4 equal parts is a quarter.
3. So a quarter of it is coloured.

Answer: **a quarter**

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.