THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 2 · MATHEMATICS · PRACTICE PACK

Number fractions

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

WHAT IS INSIDE

- Thirds and quarters of an amount
- Two quarters is a half
- Writing the fraction
- 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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Two quarters is a half

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



1. **Show that 2/4 of 4 is the same as 1/2 of 4.**
   Find a quarter of 4 first, then double it.

2. **Show that 2/4 of 8 is the same as 1/2 of 8.**
   Find a quarter of 8 first, then double it.

3. **Show that 2/4 of 12 is the same as 1/2 of 12.**
   Find a quarter of 12 first, then double it.

4. **Show that 2/4 of 16 is the same as 1/2 of 16.**
   Find a quarter of 16 first, then double it.

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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. **Show that 2/4 of 20 is the same as 1/2 of 20.**
   (A) 5 (B) 6 (C) 10 (D) 15

2. **12 counters are put into 4 equal groups. 1 group is taken away. Write the fraction taken away.**
   (A) 2/4 (B) 1/3 (C) 1/4 (D) 3/4

3. **Find 3/4 of 16.**
   (A) 20 (B) 12 (C) 5 (D) 15

4. **12 counters are put into 4 equal groups. 2 groups are taken away. Write the fraction taken away.**
   (A) 2/4 (B) 1/4 (C) 3/4 (D) 1/3

5. **Show that 2/4 of 24 is the same as 1/2 of 24.**
   (A) 6 (B) 8 (C) 12 (D) 5

6. **A bar is split into 4 equal parts and 1 is coloured. Write the fraction that is coloured.**
   (A) 2/4 (B) 3/4 (C) 1/4 (D) 1/3

7. **Show that 2/4 of 16 is the same as 1/2 of 16.**
   (A) 4 (B) 8 (C) 5 (D) 2

8. **Find 1/3 of 6.**
   (A) 16 (B) 2 (C) 5 (D) 15

9. **Show that 2/4 of 12 is the same as 1/2 of 12.**
   (A) 15 (B) 2 (C) 5 (D) 6

10. **Find 3/4 of 20.**
    (A) 20 (B) 4 (C) 15 (D) 6

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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.



THIRDS AND QUARTERS OF AN AMOUNT

1. Find 1/3 of 6.

1. The bottom number, 3, says share it into 3 equal groups.
2. 6 shared into 3 groups is 2 in each group.
3. The top number, 1, says take 1 group.
4. One third of 6 is 2.

Answer: **2**

2. Find 1/4 of 8.

1. The bottom number, 4, says share it into 4 equal groups.
2. 8 shared into 4 groups is 2 in each group.
3. The top number, 1, says take 1 group.
4. One quarter of 8 is 2.

Answer: **2**

3. Find 1/3 of 9.

1. The bottom number, 3, says share it into 3 equal groups.
2. 9 shared into 3 groups is 3 in each group.
3. The top number, 1, says take 1 group.
4. One third of 9 is 3.

Answer: **3**

4. Find 1/4 of 12.

1. The bottom number, 4, says share it into 4 equal groups.
2. 12 shared into 4 groups is 3 in each group.
3. The top number, 1, says take 1 group.
4. One quarter of 12 is 3.

Answer: **3**

5. Find 2/4 of 12.

1. The bottom number, 4, says share it into 4 equal groups.
2. 12 shared into 4 groups is 3 in each group.
3. The top number, 2, says take 2 groups.
4. Two quarters of 12 is 6.

Answer: **6**

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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.