THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 5 · MATHEMATICS · PRACTICE PACK

Number multiplication and division

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

WHAT IS INSIDE

- Long multiplication
- Short division, with remainders
- Factors
- 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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Short division, with remainders

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



1. **283 ÷ 4**
   How many 4s are there in 28?

2. **283 ÷ 5**
   How many 5s are there in 28?

3. **214 ÷ 6**
   How many 6s are there in 21?

4. **389 ÷ 7**
   How many 7s are there in 38?

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Quick check

One right answer each. Ring the letter. These are for seeing what has stuck, so do them without working anything out on paper.



1. 925 ÷ 11

(A) 55 remainder 4 (B) 84 remainder 1 (C) 56 remainder 3 (D) 47 remainder 4

2. 8201 × 27

(A) 221,427 (B) 159,090 (C) 206,848 (D) 34,162

3. 5303 × 30

(A) 31 (B) 11,964 (C) 12,948 (D) 159,090

4. 332 × 39

(A) 13,660 (B) 258,624 (C) 12,948 (D) 206,848

5. 283 ÷ 5

(A) 56 remainder 3 (B) 47 remainder 4 (C) 65 remainder 7 (D) 84 remainder 1

6. 787 ÷ 12

(A) 65 remainder 7 (B) 56 remainder 3 (C) 47 remainder 4 (D) 84 remainder 1

7. 389 ÷ 7

(A) 65 remainder 7 (B) 70 remainder 3 (C) 56 remainder 3 (D) 55 remainder 4

8. 214 ÷ 6

(A) 47 remainder 4 (B) 55 remainder 4 (C) 56 remainder 3 (D) 35 remainder 4

9. 283 ÷ 4

(A) 70 remainder 3 (B) 55 remainder 4 (C) 65 remainder 7 (D) 56 remainder 3

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How each one is worked, continued

SHORT DIVISION, WITH REMAINDERS, CONTINUED



3. 214 ÷ 6

1. Divide the leading digits of 214 by 6.
2. Carry any remainder into the next digit and divide again.
3. 6 × 35 = 210, and 214 − 210 = 4.
4. The answer is 35 remainder 4.

Answer: **35 remainder 4**

4. 389 ÷ 7

1. Divide the leading digits of 389 by 7.
2. Carry any remainder into the next digit and divide again.
3. 7 × 55 = 385, and 389 − 385 = 4.
4. The answer is 55 remainder 4.

Answer: **55 remainder 4**

5. 248 ÷ 8

1. Divide the leading digits of 248 by 8.
2. Carry any remainder into the next digit and divide again.
3. 8 × 31 = 248, and 248 − 248 = 0.
4. The answer is 31.

Answer: **31**

6. 474 ÷ 10

1. Divide the leading digits of 474 by 10.
2. Carry any remainder into the next digit and divide again.
3. 10 × 47 = 470, and 474 − 470 = 4.
4. The answer is 47 remainder 4.

Answer: **47 remainder 4**

7. 925 ÷ 11

1. Divide the leading digits of 925 by 11.
2. Carry any remainder into the next digit and divide again.
3. 11 × 84 = 924, and 925 − 924 = 1.
4. The answer is 84 remainder 1.

Answer: **84 remainder 1**

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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.