THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 3 · MATHEMATICS · PRACTICE PACK

Number multiplication and division

Year 3 of the national curriculum. Every question is worked through at the back, step by step, not just answered.

WHAT IS INSIDE

- Long multiplication
- Dividing inside the tables
- Missing numbers in the tables
- 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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Long multiplication



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

1. **98 × 3**
   Split the 3 into 0 and 3.

2. **70 × 10**
   Split the 10 into 10 and 0.

3. **93 × 4**
   Split the 4 into 0 and 4.

4. **28 × 7**
   Split the 7 into 0 and 7.

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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. 18 ÷ 3

(A) 11 (B) 4 (C) 6 (D) 7

2. 6 ÷ 3

(A) 2 (B) 10 (C) 7 (D) 8

3. 44 ÷ 4

(A) 11 (B) 196 (C) 4 (D) 708

4. 4 × ___ = 16

(A) 10 (B) 4 (C) 2 (D) 7

5. 32 ÷ 4

(A) 8 (B) 294 (C) 12 (D) 708

6. 3 × ___ = 33

(A) 11 (B) 2 (C) 7 (D) 9

7. 8 × ___ = 16

(A) 2 (B) 7 (C) 9 (D) 196

8. 24 ÷ 3

(A) 3,604 (B) 10 (C) 8 (D) 6

9. 901 × 4

(A) 3,604 (B) 294 (C) 11 (D) 4

10. 28 × 7

(A) 10 (B) 708 (C) 6 (D) 196

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How each one is worked, continued

DIVIDING INSIDE THE TABLES, CONTINUED



3. 72 ÷ 8

1. Division asks how many 8s are in 72.
2. Count in 8s: 8, 16, 24, 32, 40, 48 and on.
3. It takes 9 of them, so 72 ÷ 8 = 9.

Answer: **9**

4. 6 ÷ 3

1. Division asks how many 3s are in 6.
2. Count in 3s: 3, 6.
3. It takes 2 of them, so 6 ÷ 3 = 2.

Answer: **2**

5. 24 ÷ 4

1. Division asks how many 4s are in 24.
2. Count in 4s: 4, 8, 12, 16, 20, 24.
3. It takes 6 of them, so 24 ÷ 4 = 6.

Answer: **6**

6. 96 ÷ 8

1. Division asks how many 8s are in 96.
2. Count in 8s: 8, 16, 24, 32, 40, 48 and on.
3. It takes 12 of them, so 96 ÷ 8 = 12.

Answer: **12**

7. 24 ÷ 3

1. Division asks how many 3s are in 24.
2. Count in 3s: 3, 6, 9, 12, 15, 18 and on.
3. It takes 8 of them, so 24 ÷ 3 = 8.

Answer: **8**

8. 44 ÷ 4

1. Division asks how many 4s are in 44.
2. Count in 4s: 4, 8, 12, 16, 20, 24 and on.
3. It takes 11 of them, so 44 ÷ 4 = 11.

Answer: **11**

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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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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.