THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 4 · MATHEMATICS · PRACTICE PACK

Number multiplication and division

Year 4 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
- Factor pairs
- How each one is worked

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4 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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Missing numbers in the tables

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



1. **12 × ___ = 48**
   Count in 12s and see how many it takes.

2. **6 × ___ = 30**
   Count in 6s and see how many it takes.

3. **7 × ___ = 42**
   Count in 7s and see how many it takes.

4. **7 × ___ = 21**
   Count in 7s and see how many it takes.

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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. 55 ÷ 11

(A) 11 (B) 5 (C) 4 (D) 17,651

2. 37 × 17

(A) 10 (B) 7 (C) 629 (D) 360

3. 922 × 16

(A) 14,752 (B) 7,446 (C) 360 (D) 759

4. 7 × ___ = 56

(A) 8 (B) 6,282 (C) 7,446 (D) 5

5. 698 × 9

(A) 360 (B) 6,282 (C) 5 (D) 14,752

6. 132 ÷ 12

(A) 4 (B) 3 (C) 10 (D) 11

7. 9 × ___ = 99

(A) 12 (B) 11 (C) 8 (D) 528

8. 33 × 16

(A) 629 (B) 528 (C) 8 (D) 360

9. 84 ÷ 7

(A) 12 (B) 5 (C) 629 (D) 360

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How each one is worked, continued

DIVIDING INSIDE THE TABLES, CONTINUED



3. 108 ÷ 9

1. Division asks how many 9s are in 108.
2. Count in 9s: 9, 18, 27, 36, 45, 54 and on.
3. It takes 12 of them, so 108 ÷ 9 = 12.

Answer: **12**

4. 55 ÷ 11

1. Division asks how many 11s are in 55.
2. Count in 11s: 11, 22, 33, 44, 55.
3. It takes 5 of them, so 55 ÷ 11 = 5.

Answer: **5**

5. 132 ÷ 12

1. Division asks how many 12s are in 132.
2. Count in 12s: 12, 24, 36, 48, 60, 72 and on.
3. It takes 11 of them, so 132 ÷ 12 = 11.

Answer: **11**

6. 30 ÷ 6

1. Division asks how many 6s are in 30.
2. Count in 6s: 6, 12, 18, 24, 30.
3. It takes 5 of them, so 30 ÷ 6 = 5.

Answer: **5**

7. 70 ÷ 7

1. Division asks how many 7s are in 70.
2. Count in 7s: 7, 14, 21, 28, 35, 42 and on.
3. It takes 10 of them, so 70 ÷ 7 = 10.

Answer: **10**

8. 99 ÷ 9

1. Division asks how many 9s are in 99.
2. Count in 9s: 9, 18, 27, 36, 45, 54 and on.
3. It takes 11 of them, so 99 ÷ 9 = 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.