THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 3 · MATHEMATICS · PRACTICE PACK

Number
number and place value

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

WHAT IS INSIDE

- Place value: what each digit is worth
- Counting in fours, eights, fifties and hundreds
- Ten or a hundred more or less
- Comparing and ordering numbers to a thousand
- 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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Ten or a hundred more or less

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



1. **What is 10 more than 346?**
   Only the tens digit changes, unless it runs past nine.

2. **What is 100 more than 512?**
   Only the hundreds digit changes, unless it runs past nine.

3. **What is 10 less than 480?**
   Only the tens digit changes, unless it runs past nine.

4. **What is 100 less than 907?**
   Only the hundreds digit changes, unless it runs past nine.

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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. **Carry on counting in 50s: 150, 200, 250, 300, ___**
   (A) 10 (B) 350 (C) 50 (D) 200

2. **What is 10 more than 295?**
   (A) 300 (B) 305 (C) 350 (D) 700

3. **Carry on counting in 4s: 0, 4, 8, 12, ___**
   (A) 807 (B) 356 (C) 16 (D) 1

4. **What is 100 more than 512?**
   (A) 612 (B) 32 (C) 740 (D) 50

5. **Carry on counting in 50s: 0, 50, 100, 150, ___**
   (A) 200 (B) 305 (C) 16 (D) 350

6. **What is the value of the 1 in 317?**
   (A) 300 (B) 16 (C) 10 (D) 3

7. **What is 10 less than 480?**
   (A) 305 (B) 3 (C) 740 (D) 470

8. **Carry on counting in 4s: 12, 16, 20, 24, ___**
   (A) 16 (B) 400 (C) 28 (D) 305

9. **What is 100 more than 640?**
   (A) 200 (B) 740 (C) 807 (D) 700

10. **What is the value of the 5 in 652?**
    (A) 28 (B) 50 (C) 612 (D) 305

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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.



PLACE VALUE: WHAT EACH DIGIT IS WORTH

1. What is the value of the 0 in 703?

1. Write the number in columns: 703.
2. The 0 is in the tens column.
3. So it is worth 0 × 10 = 0.

Answer: **0**

2. What is the value of the 0 in 840?

1. Write the number in columns: 840.
2. The 0 is in the ones column.
3. So it is worth 0 × 1 = 0.

Answer: **0**

3. What is the value of the 1 in 317?

1. Write the number in columns: 317.
2. The 1 is in the tens column.
3. So it is worth 1 × 10 = 10.

Answer: **10**

4. What is the value of the 5 in 652?

1. Write the number in columns: 652.
2. The 5 is in the tens column.
3. So it is worth 5 × 10 = 50.

Answer: **50**

5. What is the value of the 3 in 373?

1. Write the number in columns: 373.
2. The 3 is in the hundreds column.
3. So it is worth 3 × 100 = 300.

Answer: **300**

6. What is the value of the 2 in 128?

1. Write the number in columns: 128.
2. The 2 is in the tens column.
3. So it is worth 2 × 10 = 20.

Answer: **20**

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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.