

Name: _____

Total Marks _____/20

1. (DOK2)

(/1 mark)

Which expressions need regrouping to subtract?

Choose all the correct answers.

283 - 169

416 - 204

795 - 578

2.(DOK 2)

(/1 mark)

Elena's book has **289** pages. Elena has read **134** pages. **How many pages does Elena have left to read?**

Choose the correct answer.

145 pages

155 pages

156 pages

3.(DOK1)

(/1 mark)

Which equation can you use to represent the word problem?

A tennis coach has **108 tennis balls**.

She buys **216 more** tennis balls.

How many tennis balls does the coach have in all?

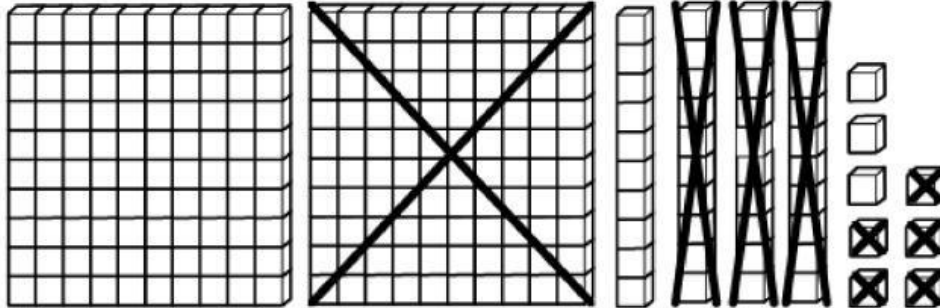
$216 - 108 = ?$

$108 + 216 = ?$

4.(DOK 1)

(/1 mark)

Look at the base-ten blocks.



Which equation is represented by the base-ten blocks?

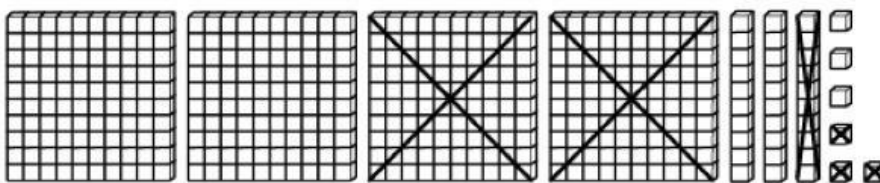
Choose the correct answer.

- 248- 135= 112
- 248- 135= 113
- 248-153=131

5.(DOK 1)

(/1 mark)

Look at the base-ten blocks.



Which equation is represented by the base-ten blocks?

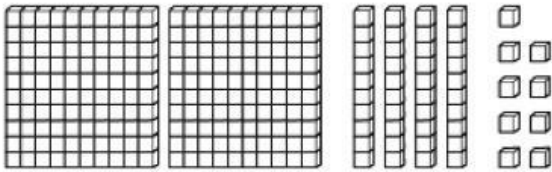
Choose the correct answer.

- 436 - 113 = 323
- 436 - 231 = 205
- 436- 213 = 223

6.(DOK1)

(/1 mark)

Look at the base-ten blocks.



Which of these ***does not*** represent the value of the blocks shown?

- $200 + 40 + 9$
- 249
- $2 + 4 + 9$

(/4 marks)

7.(DOK2)

What is the difference? Show your work.

- a) $362 - 10 =$
- b) $153 - 100 =$
- c) $653 - 10 =$
- d) $367 - 153 =$

(/1 mark)

8. (DOK 2)

Problem Solving. Show your work.

There are **917** seats in the concert hall. There are **10** empty seats.
How many seats are **not** empty in the concert hall?

_____ seats

9. (DOK 2) (/1 mark)

Problem solving. Show your work.

Mario has **348** pictures on his camera. He deletes **126** of the pictures.
How many pictures are left on his camera?

_____ pictures

10. (DOK 3) (/1 mark)

Problem solving. Show your work.

Gia's picture frame is **56 centimeters long**. Leah's picture frame is **12 centimeters shorter** than Gia's picture frame. How long is Leah's picture frame?

_____ centimeters

11. (DOK 3) (/1 mark)

Problem Solving. Show your work.

Mr. Smith's class collected **385 pennies** and Miss Patton's class collected **164 pennies** for a penny drive.

How many more pennies did Mr. Smith's class collect than Miss Patton's class?

_____ pennies

12. (DOK 3) (/1 mark)

Problem solving. Show your work.

There are **293 posters** in a school. Then **165 of the posters** are taken down and **112 new posters are put up**. How many posters are in the school now?

_____ posters

13. (DOK 3)

(/1 mark)

Problem solving. Show your work.

Mr. Marley has **532** prizes in a box. Then **249 students each take one prize.**

Mr. Marley puts **175 more prizes** in the box. How many prizes are in the box **now**?

_____ prizes

(/1 mark)

14. (DOK2)

Choose **True or False.**

The number 133 has 2 **ones** and 0 **tens.**

True

False

(/1 mark)

15. (DOK2)

Choose **True or False.**

The number **40** has 4 **tens** and 0 **ones.**

True

False

(/1 mark)

16. (DOK1)

Choose **True or False.**

The difference for the equation **153-100** is **52.**


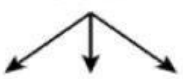
True

False

17.(DOK3)

(/1 mark)

What is the sum? Decompose both addends to solve:

- a.**
- | | | |
|-----------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------|
| 149 | + | $362 = ?$ |
|  | |  |
| ____ + ____ + ____ | | ____ + ____ + ____ |
- b.** Add hundreds: _____ + _____ = _____
Add tens: _____ + _____ = _____
Add ones: _____ + _____ = _____
- c.** Add partial sums: _____ + _____ + _____ = _____

18.(DOK3)

(/1 mark)

Which need to be regrouped to subtract?
 $524 - 257 = ?$

- Tens
- Hundreds
- Both

19.(DOK4)

(/1 mark)

What is the difference? Show how to regroup tens and hundreds by drawing base-ten shorthand.

1. $455 - 170 =$

2. $546 - 159 =$

20.(DOK4)

(/1 mark)

A store has **684** bottles of juice and **497** bottles of water. How many more bottles of juice than water does the store have?