



Subject: Grade 4 Mathematics

Topic: Mathematics: Term 1 - Mini-Exam

Total: 53 Marks

1. false

2 marks

Explanation:

There are 7 **days in a week**, but 5 **days in a school week**.

$$30 \text{ min} \times 5 = 150 \text{ min}$$

$$150 \text{ min} = 120 \text{ min (2 h)} + 30 \text{ min}$$

2. false

2 marks

Explanation:

$$487 = 400 + 80 + 7$$

$$535 = 500 + 30 + 5$$

$$400 + 500 = 900$$

$$80 + 30 = 110$$

$$7 + 5 = 12$$

$$\therefore 900 + 110 + 12 = 1\,022$$

Altogether, there are 1 022 animals on the farm.

3. D: 3 896; 3 869; 3 816; 3 691; 3 689; 3 188

4 marks

Explanation:

The thousands are all the same. One then has to look at the hundreds, tens and units, and arrange these from the biggest to the smallest digits.

4. D: 7

4 marks

Explanation:

The green, blue, yellow and pink shapes are all triangles.

All four of these triangles create one big triangle.

The green and blue triangles create another triangle.

The yellow and pink triangles create another triangle.

$$4 + 1 + 1 + 1 = 7$$



5. true

2 marks

Explanation:

$$12 \times 9 = \triangle$$

$$10 \times 9 = 90$$

$$2 \times 9 = 18$$

$$\therefore 90 + 18 = 108$$

6. B: 6 320

4 marks

Explanation:

five thousands = 5 000

thirteen hundreds = 1 300

two tens = 20

$$5\,000 + 1\,300 + 20 = 6\,320$$

7. >

3 marks

Explanation:

$$64 \div 4 = 16$$

$$65 \div 5 = 13$$

16 is bigger than 13.

8. 3841

3 marks

Explanation:

$$40 + 800 + 5 + 3\,000 = \triangle$$

Arrange the numbers in place value order:

$$3\,000 + 800 + 40 + 5 = 3\,845$$

9. false

2 marks

Explanation:

Eight hundred and fifty three: 853

Three hundred and sixteen: 316

Minus: subtract

$$853 - 316 = 537$$

10. true

2 marks

Explanation:

$$126 = 60 + 60 + 2$$

$$60 \div 3 = 20$$

$$60 \div 3 = 20$$

$$6 \div 3 = 2$$

$$\therefore 20 + 20 + 2 = 42$$

11. triangular | triangle

3 marks

Explanation:

A **triangular prism** is made up of **two triangles** and **three rectangles or squares**.

12. >

3 marks

Explanation:

The whole numbers are the same, therefore we must look at the decimals to determine which relationship sign to use.

$$0,9 = \frac{9}{10} \text{ and } 0,09 = \frac{9}{100}$$

$$\frac{9}{10} \text{ is bigger than } \frac{9}{100}$$

13. true

2 marks

Explanation:

Convert 1,5 l to ml:

$$1,5 \text{ l} = 1\,500 \text{ ml}$$

Now subtract what has been poured out of the jug: $1\,500 \text{ ml} - 750 \text{ ml} = 750 \text{ ml}$

14. B: $248 + 103 = \triangle$

4 marks

Explanation:

When you are given **more** bottles, you **add** the bottles to that which you already have.

The word **more** indicates that you must **add**.

$$248 + 103 = 351$$

15. 20 | twenty

3 marks

Explanation:

The chart shows five books in Kim's column. Each book represents 4 books read.

$$\therefore 5 \times 4 = 20$$

16. false

2 marks

Explanation:

Each month of the year has 30 or 31 days, **except** for February, which has 28.

In a leap year, which occurs every 4 years, February has 29 days.

17. D: 12

4 marks

Explanation:

$$84 \div 7 = 12$$

18. A: 391 km

4 marks

Explanation:

$$551 \text{ km} - 160 \text{ km} = 391 \text{ km}$$

Total: 53 Marks