

|  |              |                                       |
|--|--------------|---------------------------------------|
| <b>The name of the exam</b><br><b>22 luglio 2014</b> | <b>Prof.</b> | <b>Firma leggibile dello studente</b> |
| <b>Cognome:</b>                                      | <b>Nome:</b> | <b>Matricola:</b>                     |

## **INSTRUCTIONS**

- Write here your instructions
  - two è con accento
  - three è à é ò ù

## Part One

- 1.** (1 punto) exercise 2a  $a = 5$ ,  $b = 3$ ,  $c = 2$   
seme=20140723  
semeex=20140723  
(a) answer 4 wrong  
(b) answer 3 wrong  
(c) answer 1 correct  
(d) answer 2 wrong  
(e) answer 5 wrong

**2.** (1 punto) exercise 2b  $a = 5$ ,  $b = 2$ ,  $c = 4$   
seme=20140723  
semeex=20140723  
(a) answer 3 wrong  
(b) answer 5 wrong  
(c) answer 1 correct  
(d) answer 2 wrong  
(e) answer 4 wrong

**3.** (2 punti) exercise 3b  $a = 2$ ,  $b = 2$ ,  $c = 3$   
(a) answer 1 correct  
(b) answer 3 wrong  
(c) answer 5 wrong  
(d) answer 4 wrong  
(e) answer 2 wrong

**4.** (2 punti) exercise 3d  $a = 3$ ,  $b = 2$ ,  $c = 7$   
(a) answer 1 correct  
(b) answer 3 wrong  
(c) answer 2 wrong  
(d) answer 4 wrong  
(e) answer 5 wrong

**5.** (1 punto) exercise 2c  $a = 4$ ,  $b = 3$ ,  $c = 2$   
seme=20140723  
semeex=20140723  
(a) answer 2 wrong  
(b) answer 5 wrong  
(c) answer 4 wrong  
(d) answer 3 wrong  
(e) answer 1 correct

**6.** (1 punto) exercise 4d  $a = 2$ ,  $b = 2$ ,  $c = 2$   
(a) answer 4 wrong  
(b) answer 1 correct  
(c) answer 3 wrong  
(d) answer 2 wrong  
(e) answer 5 wrong

**7.** (1 punto) exercise 14d  $a = 3$ ,  $b = 5$ ,  $c = 3$

- (a) answer 4 wrong
- (b) answer 1 correct
- (c) answer 3 wrong
- (d) answer 2 wrong
- (e) answer 5 wrong

**8.** (2 punti) exercise 9d  $a = 3$ ,  $b = 5$ ,  $c = 4$

- (a) answer 4 wrong
- (b) answer 1 correct
- (c) answer 3 wrong
- (d) answer 2 wrong
- (e) answer 5 wrong

**9.** (1 punto) exercise 1b  $a = 5$

- (a) answer 2 wrong
- (b) answer 1 correct
- (c) answer 3 wrong

**10.** (1 punto)  $a = 12$ ,  $b = 13$ ,  $c = 3$ ,  $k = 4$

Evaluate with two exact decimals

$$12 : 3 = \boxed{\phantom{00}}$$

**11.** (1 punto) exercise 11b

$$\{b, x, y\}$$

- (a) answer 3 wrong
- (b) answer 1 correct
- (c) answer 2 wrong

**12.** (1 punto) exercise 11a

$$\{b, c, x\}$$

- (a) answer 2 wrong
- (b) answer 1 correct
- (c) answer 3 wrong

Some other questions

## Part two

**Some other instructions.**

ESERCIZIO 1.

Let  $A = \{a, b, c\}$  and  $B = \{a, c, x\}$ .

(a) (2 punti) List (without repetition) the elements of the set  $A \cup B$

$$A \cup B =$$

|         |
|---------|
|         |
| 4 punti |

(b) (2 punti) List (without repetition) the elements of the set  $A \cap B$

$$A \cap B =$$

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## INSTRUCTIONS

- Write here your instructions
- two è con accento
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## Part One

**1.** (1 punto) exercise 2b  $a = 3, b = 4, c = 7$

seme=40281445

semeex=40281445

- (a) answer 4 wrong
- (b) answer 3 wrong
- (c) answer 1 correct
- (d) answer 2 wrong
- (e) answer 5 wrong

**2.** (1 punto) exercise 2a  $a = 3, b = 4, c = 6$

seme=40281445

semeex=40281445

- (a) answer 4 wrong
- (b) answer 2 wrong
- (c) answer 5 wrong
- (d) answer 1 correct
- (e) answer 3 wrong

**3.** (2 punti) exercise 3d  $a = 5, b = 4, c = 3$

(a) answer 4 wrong

(b) answer 5 wrong

- (c) answer 1 correct
- (d) answer 2 wrong
- (e) answer 3 wrong

**4.** (2 punti) exercise 3c  $a = 4, b = 3, c = 2$

(a) answer 2 wrong

(b) answer 5 wrong

(c) answer 4 wrong

(d) answer 1 correct

(e) answer 3 wrong

**5.** (1 punto) exercise 2c  $a = 2, b = 2, c = 2$

seme=40281445

semeex=40281445

- (a) answer 4 wrong
- (b) answer 2 wrong
- (c) answer 1 correct
- (d) answer 3 wrong
- (e) answer 5 wrong

**6.** (1 punto) exercise 1a  $a = 2$

(a) answer 1 correct

(b) answer 2 wrong

(c) answer 3 wrong

**7.** (1 punto) exercise 14l  $a = 2, b = 4, c = 2$

(a) answer 2 wrong

(b) answer 1 correct

(c) answer 3 wrong

(d) answer 4 wrong

(e) answer 5 wrong

15 punti

**8.** (1 punto) exercise 4b  $a = 5, b = 5, c = 6$

- (a) answer 2 wrong
- (b) answer 1 correct
- (c) answer 3 wrong
- (d) answer 4 wrong
- (e) answer 5 wrong

**9.** (1 punto)  $a = 12, b = 15, c = 4, k = 4$

Evaluate with two exact decimals

$$15 : 4 = \boxed{\phantom{000}}$$

**10.** (2 punti) exercise 9a  $a = 5, b = 5, c = 8$

- (a) answer 2 wrong
- (b) answer 1 correct
- (c) answer 3 wrong
- (d) answer 4 wrong
- (e) answer 5 wrong

**11.** (1 punto) exercise 11b

$\{a, c, z\}$

- (a) answer 2 wrong
- (b) answer 1 correct
- (c) answer 3 wrong

**12.** (1 punto) exercise 11a

$\{a, b, x\}$

- (a) answer 3 wrong
- (b) answer 1 correct
- (c) answer 2 wrong

Some other questions

## Part two

**Some other instructions.**

ESERCIZIO 1.

Let  $A = \{a, b, c\}$  and  $B = \{a, c, x\}$ .

(a) (2 punti) List (without repetition) the elements of the set  $A \cup B$

$$A \cup B =$$

$\boxed{\phantom{000}}$   
4 punti

(b) (2 punti) List (without repetition) the elements of the set  $A \cap B$

$$A \cap B =$$

|  |              |                                       |
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## INSTRUCTIONS

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## Part One

- 1.** (1 punto) exercise 2a  $a = 5, b = 5, c = 8$       **4.** (2 punti) exercise 3c  $a = 2, b = 2, c = 2$
- seme=60422167  
semeex=60422167
- (a) answer 4 wrong  
(b) answer 2 wrong  
(c) answer 1 correct  
(d) answer 5 wrong  
(e) answer 3 wrong
- (a) answer 4 wrong  
(b) answer 2 wrong  
(c) answer 3 wrong  
(d) answer 5 wrong  
(e) answer 1 correct
- 2.** (1 punto) exercise 2c  $a = 3, b = 2, c = 7$       **5.** (1 punto) exercise 2b  $a = 4, b = 2, c = 4$
- seme=60422167  
semeex=60422167
- (a) answer 5 wrong  
(b) answer 4 wrong  
(c) answer 1 correct  
(d) answer 2 wrong  
(e) answer 3 wrong
- (a) answer 1 correct  
(b) answer 4 wrong  
(c) answer 3 wrong  
(d) answer 2 wrong  
(e) answer 5 wrong
- 3.** (2 punti) exercise 3a  $a = 4, b = 3, c = 2$       **6.** (1 punto) exercise 14e  $a = 5, b = 3, c = 7$
- (a) answer 1 correct  
(b) answer 3 wrong  
(c) answer 4 wrong  
(d) answer 2 wrong  
(e) answer 5 wrong
- (a) answer 5 wrong  
(b) answer 1 correct  
(c) answer 4 wrong  
(d) answer 3 wrong  
(e) answer 2 wrong
- 7.** (1 punto)  $a = 12, b = 13, c = 4, k = 5$   
Evaluate with two exact decimals

15 punti

$$12 : 4 = \boxed{\phantom{00}}$$

**8.** (1 punto) exercise 1b  $a = 3$

- (a) answer 3 wrong
- (b) answer 1 correct
- (c) answer 2 wrong

**9.** (2 punti) exercise 9c  $a = 2, b = 2, c = 2$

- (a) answer 5 wrong
- (b) answer 1 correct
- (c) answer 4 wrong
- (d) answer 3 wrong
- (e) answer 2 wrong

**10.** (1 punto) exercise 4c  $a = 5, b = 5, c = 2$

- (a) answer 5 wrong
- (b) answer 1 correct
- (c) answer 4 wrong
- (d) answer 3 wrong
- (e) answer 2 wrong

**11.** (1 punto) exercise 11a

$\{a, b, c\}$

- (a) answer 2 wrong
- (b) answer 3 wrong

(c) answer 1 correct

**12.** (1 punto) exercise 11b

$\{a, b, c\}$

- (a) answer 3 wrong
- (b) answer 1 correct
- (c) answer 2 wrong

Some other questions

## Part two

### Some other instructions.

ESERCIZIO 1.

Let  $A = \{a,b,x\}$  and  $B = \{a,x,z\}$ .

(a) (2 punti) List (without repetition) the elements of the set  $A \cup B$

$$A \cup B =$$

|         |
|---------|
|         |
| 4 punti |

(b) (2 punti) List (without repetition) the elements of the set  $A \cap B$

$$A \cap B =$$

|  |              |                                       |
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## Part One

**1.** (1 punto) exercise 2a  $a = 5, b = 4, c = 3$   
seme=80562889  
semeex=80562889

- (a) answer 5 wrong
- (b) answer 2 wrong
- (c) answer 1 correct
- (d) answer 4 wrong
- (e) answer 3 wrong

**2.** (2 punti) exercise 3d  $a = 4, b = 3, c = 2$

- (a) answer 1 correct
- (b) answer 3 wrong
- (c) answer 5 wrong
- (d) answer 2 wrong
- (e) answer 4 wrong

**3.** (1 punto) exercise 2c  $a = 2, b = 2, c = 8$   
seme=80562889  
semeex=80562889

- (a) answer 4 wrong
- (b) answer 3 wrong
- (c) answer 5 wrong
- (d) answer 1 correct
- (e) answer 2 wrong

**4.** (2 punti) exercise 3c  $a = 2, b = 4, c = 8$

- (a) answer 5 wrong
- (b) answer 4 wrong
- (c) answer 3 wrong
- (d) answer 2 wrong
- (e) answer 1 correct

**5.** (1 punto) exercise 2b  $a = 5, b = 3, c = 8$   
seme=80562889  
semeex=80562889

- (a) answer 3 wrong
- (b) answer 1 correct
- (c) answer 2 wrong
- (d) answer 5 wrong
- (e) answer 4 wrong

**6.** (1 punto)  $a = 12, b = 13, c = 2, k = 4$   
Evaluate with two exact decimals

$$13 : 4 =$$

**7.** (1 punto) exercise 1a  $a = 2$

- (a) answer 2 wrong
- (b) answer 1 correct
- (c) answer 3 wrong

**8.** (2 punti) exercise 9b  $a = 2$ ,  $b = 2$ ,  $c = 3$

- (a) answer 3 wrong
- (b) answer 1 correct
- (c) answer 5 wrong
- (d) answer 4 wrong
- (e) answer 2 wrong

**9.** (1 punto) exercise 14m  $a = 4$ ,  $b = 4$ ,  $c = 7$

- (a) answer 3 wrong
- (b) answer 1 correct
- (c) answer 5 wrong
- (d) answer 4 wrong
- (e) answer 2 wrong

**11.** (1 punto) exercise 11b

$$\{b, c, x\}$$

- (a) answer 2 wrong
- (b) answer 1 correct
- (c) answer 3 wrong

**12.** (1 punto) exercise 11a

$$\{a, b, x\}$$

**10.** (1 punto) exercise 4a  $a = 4$ ,  $b = 2$ ,  $c = 6$

- (a) answer 3 wrong
- (b) answer 1 correct
- (c) answer 5 wrong
- (d) answer 4 wrong
- (e) answer 2 wrong

Some other questions

## Part two

**Some other instructions.**

ESERCIZIO 1.

Let  $A = \{a,b,c\}$  and  $B = \{a,c,x\}$ .

(a) (2 punti) List (without repetition) the elements of the set  $A \cup B$

$$A \cup B =$$

|         |
|---------|
|         |
| 4 punti |

(b) (2 punti) List (without repetition) the elements of the set  $A \cap B$

$$A \cap B =$$