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| The name of the exam 22 luglio 2014 | Prof. | Firma leggibile dello studente |
| Cognome: | Nome: | Matricola: |

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

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| 15 punti |

7. (1 punto) exercise 14a $a = 3, b = 5, c = 3$
 $\alpha_{hai} = 11 \alpha_{haii} = 3$

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

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

- (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

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

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 $A \cup B$

$$A \cup B =$$

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| 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 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 14a $a = 2, b = 4, c = 2$
 $\alpha_{hai} = 3 \alpha_{haii} = 11$

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

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| 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

$$15 : 4 =$$

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

- (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 $A \cup B$

$A \cup B =$

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| |
| 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 $a = 5, b = 5, c = 8$
seme=60422167
semeex=60422167
(a) answer 4 wrong
(b) answer 2 wrong
(c) answer 1 correct
(d) answer 5 wrong
(e) answer 3 wrong

4. (2 punti) exercise 3c $a = 2, b = 2, c = 2$
(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 $a = 3, b = 2, c = 7$
seme=60422167
semeex=60422167
(a) answer 5 wrong
(b) answer 4 wrong
(c) answer 1 correct
(d) answer 2 wrong
(e) answer 3 wrong

5. (1 punto) exercise 2b $a = 4, b = 2, c = 4$
seme=60422167
semeex=60422167
(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 $a = 4, b = 3, c = 2$
(a) answer 1 correct
(b) answer 3 wrong
(c) answer 4 wrong
(d) answer 2 wrong
(e) answer 5 wrong

6. (1 punto) exercise 14a $a = 5, b = 3, c = 7$
 $\alpha_i = 7 \alpha_{ii} = 5$
(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 =

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

15 punti

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

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

9. (1 punto) exercise 14a $a = 4, b = 4, c = 7$
 $\alpha_i = 11 \alpha_{ii} = 5$

- (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

$\{a, b, x\}$

- (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 $A \cup B$

$A \cup B =$

4 punti

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

$A \cap B =$