

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 $a = 5, b = 3, c = 2$ **4.** (2 punti) exercise 3d $a = 3, b = 2, c = 7$
- seme=20140723
semeex=20140723
- (a) answer 4 wrong
(b) answer 3 wrong
(c) answer 1 correct
(d) answer 2 wrong
(e) answer 5 wrong
- (a) answer 1 correct
(b) answer 3 wrong
(c) answer 2 wrong
(d) answer 4 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
- 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
- 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
- 6.** (1 punto) $a = 14, b = 14, c = 2, k = 5$
Evaluate with two exact decimals
- $14 : 2 =$

18 punti

7. (1 punto) Se tiene la ecuación

$$\frac{e^2 r}{m} = \sqrt{o+1} - 4$$

despeje r

$$r = \boxed{\hspace{2cm}}$$

$$r = \boxed{\hspace{2cm}}$$

$$r = \boxed{\hspace{2cm}}$$

8. (1 punto) exercise 1b $a = 5$

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

9. (1 punto) exercise 4d $a = 2, b = 4, c = 2$

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

10. (2 punti) exercise 9b $a = 3, b = 5, c = 5$

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

11. (1 punto) exercise 14d $a = 4, b = 3, c = 3$

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

12. (1 punto) exercise 11b

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

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

13. (1 punto) exercise 11a

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

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

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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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 4b $a = 2, b = 3, c = 7$

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

--

18 punti

7. (1 punto) exercise 14l $a = 4$, $b = 2$, $c = 6$

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

8. (1 punto) $a = 12$, $b = 13$, $c = 2$, $k = 5$

Evaluate with two exact decimals

$$13 : 5 = \boxed{}$$

9. (1 punto) exercise 1a $a = 2$

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

10. (1 punto) Se tiene la ecuación

$$\frac{h^2 m}{b} = \sqrt{q + 1} - 1$$

despeje m

$$\begin{aligned} m &= \boxed{} \\ m &= \boxed{} \\ m &= \boxed{} \end{aligned}$$

11. (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

12. (1 punto) exercise 11b

$$\{a, c, z\}$$

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

13. (1 punto) exercise 11a

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

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

Some other questions

Part two

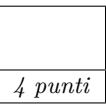
Some other instructions.

ESERCIZIO 1.

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

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

$$A \cup B = \boxed{}$$



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 $a = 5, b = 5, c = 8$ **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 1b $a = 5$
- (a) answer 1 correct
(b) answer 3 wrong
(c) answer 4 wrong
(d) answer 2 wrong
(e) answer 5 wrong
- (a) answer 3 wrong
(b) answer 1 correct
(c) answer 2 wrong
- 7.** (2 punti) exercise 9c $a = 3, b = 2, c = 2$
- (a) answer 5 wrong
(b) answer 1 correct
(c) answer 4 wrong
(d) answer 3 wrong
(e) answer 2 wrong

18 punti

8. (1 punto) exercise 14e $a = 5$, $b = 5$, $c = 8$

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

9. (1 punto) $a = 15$, $b = 14$, $c = 4$, $k = 5$

Evaluate with two exact decimals

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

11. (1 punto) Se tiene la ecuación

$$\frac{h^2 u}{y} = \sqrt{r+1} - 3$$

despeje u

$$u = \boxed{}$$

$$u = \boxed{}$$

$$u = \boxed{}$$

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

12. (1 punto) exercise 11a

$$\{a, b, c\}$$

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

13. (1 punto) exercise 11b

$$\{a, b, c\}$$

- (a) answer 1 correct
- (b) answer 3 wrong
- (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 $a = 5, b = 4, c = 3$ **4.** (2 punti) exercise 3c $a = 2, b = 4, c = 8$
- seme=80562889
semeex=80562889
- (a) answer 5 wrong
(b) answer 2 wrong
(c) answer 1 correct
(d) answer 4 wrong
(e) answer 3 wrong
- (a) answer 5 wrong
(b) answer 4 wrong
(c) answer 3 wrong
(d) answer 2 wrong
(e) answer 1 correct
- 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
- 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
- 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
- 6.** (1 punto) exercise 14m $a = 4, b = 3, c = 3$
- (a) answer 3 wrong
(b) answer 1 correct
(c) answer 5 wrong
(d) answer 4 wrong
(e) answer 2 wrong
- 7.** (1 punto) exercise 1a $a = 2$
- (a) answer 2 wrong
(b) answer 1 correct
(c) answer 3 wrong

18 punti

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

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

9. (1 punto) Se tiene la ecuación

$$\frac{m^2v}{u} = \sqrt{x+1} - 4$$

despeje v

$v =$

$v =$

$v =$

10. (1 punto) $a = 12, b = 14, c = 3, k = 4$

Evaluate with two exact decimals

$$14 : 4 = \boxed{}$$

11. (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

12. (1 punto) exercise 11b

$\{b, c, x\}$

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

13. (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 $A \cap B$

$$A \cap B =$$