

Name _____

REVIEW FOR TEST 1

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**Name the set using the roster method.**

- 1) The set of whole numbers 2 through 5
 A) {2, 5} B) {2, 3, 4, 5} C) {3, 4} D) {3, 4, 5} 1) _____
- 2) The set of even numbers between 3 and 7
 A) $\emptyset$ B) {4, 6} C) {3, 4, 5, 6, 7} D) {4, 5, 6} 2) _____
- 3) The set of multiples of 3 between 10 and 16
 A) {10, 12, 15, 16} B) {11, 13, 14} C) $\emptyset$ D) {12, 15} 3) _____
- 4) $\{x \mid \text{the square of } x \text{ is } 36\}$
 A) {18} B) {-6, 6} C) {-18, 18} D) {6} 4) _____
- 5) $\{x \mid x \text{ is the cube of } 4\}$
 A) {-64, 64} B) {12} C) {64} D) {-12, 12} 5) _____

Classify the statement as true or false.

- 6) $18 \in \{x \mid x \text{ is an even number}\}$
 A) True B) False 6) _____
- 7) $17 \in \{x \mid x \text{ is an even number}\}$
 A) True B) False 7) _____
- 8) $1 \in \{10, 12, 14, 16\}$
 A) True B) False 8) _____
- 9) $8 \in \{6, 8, 10, 12\}$
 A) True B) False 9) _____
- 10) $\frac{3}{4} \in \{x \mid x \text{ is an integer}\}$
 A) True B) False 10) _____
- 11) Algebra $\in$ The set of all mathematics topics
 A) True B) False 11) _____
- 12) Box turtle $\in$ The set of all mammals
 A) True B) False 12) _____
- 13) Ace of hearts $\in$ The set of outcomes of drawing a card from a deck
 A) True B) False 13) _____

- 14) $\{8\} \subseteq \{6, 8, 10, 12\}$ 14) _____
 A) True B) False
- 15) $\{7, 10\} \subseteq \{8, 10, 12, 14\}$ 15) _____
 A) True B) False
- 16) $\{4, 6, 8, 10\} \subseteq \{-10, -8, -6, -4, 4, 6, 8, 10\}$ 16) _____
 A) True B) False
- 17) The set of integers $\subseteq$ The set of whole numbers 17) _____
 A) True B) False
- 18) The set of vowels $\subseteq$ The set of letters of the alphabet 18) _____
 A) True B) False

Find the intersection.

- 19) $\{e, f, g, h, i\} \cap \{h, i, j, k, l\}$ 19) _____
 A) $\{e, f, g, j, k, l\}$ B) $\{h, i\}$
 C) $\{e, f, g, h, i, j, k, l\}$ D) $\emptyset$
- 20) $\{b, c, d, e, f\} \cap \{g, h, i, j, k\}$ 20) _____
 A) $\emptyset$ B) $\{b, c, d, e, f, g, h, i, j, k\}$
 C) $\{f, g\}$ D) $\{b, c, d, e, f\}$
- 21) $\{1, 2, 8, 15\} \cap \{0, 1, 8, 15\}$ 21) _____
 A) $\{1\}$ B) $\emptyset$ C) $\{15\}$ D) $\{1, 15\}$
- 22) $\{2, 3, 6, 9\} \cap \{4, 7, 10, 11\}$ 22) _____
 A) $\{3\}$ B) $\{0\}$ C) $\emptyset$ D) $\{2, 4\}$
- 23) $\{a, e, i, o, u\} \cap \{z, p, g, r, k\}$ 23) _____
 A) $\{g\}$ B) $\emptyset$ C) $\{0\}$ D) $\{r\}$

Find the union.

- 24) $\{e, f, g, h, i\} \cup \{h, i, j, k, l\}$ 24) _____
 A) $\{e, f, g, h, i, j, k, l\}$ B) $\emptyset$
 C) $\{e, f, g, j, k, l\}$ D) $\{h, i\}$

List the elements in the set .

Let $U = \{q, r, s, t, u, v, w, x, y, z\}$

$A = \{q, s, u, w, y\}$

$B = \{q, s, y, z\}$

$C = \{v, w, x, y, z\}$.

- 25) $A \cup C$ 25) _____
 A) $\{q, s, u, v, w, x, y, z\}$ B) $\{q, s, u, v, w, y, z\}$
 C) $\{w, y\}$ D) $\{q, s, u, w, y, v, w, x, y, z\}$

- 26) $A \cap B'$ _____
 A) {r, s, t, u, v, w, x, z} B) {u, w}
 C) {t, v, x} D) {q, s, t, u, v, w, x, y}
- 27) $(A \cup B)'$ _____
 A) {r, t, v, x} B) {s, u, w}
 C) {r, s, t, u, v, w, x, z} D) {t, v, x}
- 28) $(A \cap B)'$ _____
 A) {q, s, t, u, v, w, x, y} B) {s, u, w}
 C) {t, v, x} D) {r, t, u, v, w, x, z}
- 29) $A' \cup B$ _____
 A) {q, s, t, u, v, w, x, y} B) {r, s, t, u, v, w, x, z}
 C) {q, r, s, t, v, x, y, z} D) {s, u, w}
- 30) $C' \cup A'$ _____
 A) {q, r, s, t, u, v, x, z} B) {w, y}
 C) {s, t} D) {q, s, u, v, w, x, y, z}
- 31) $C' \cap A'$ _____
 A) {q, r, s, t, u, v, x, z} B) {q, s, u, v, w, x, y, z}
 C) {r, t} D) {w, y}

Decide whether or not the following is a statement.

- 32) July 4 was a Monday. _____
 A) Statement B) Not a statement
- 33) $3 + 6 = 10$ _____
 A) Not a statement B) Statement
- 34) Not all flowers are roses. _____
 A) Statement B) Not a statement
- 35) My favorite baseball team will win the pennant. _____
 A) Statement B) Not a statement
- 36) This test is too hard. _____
 A) Not a statement B) Statement
- 37) Do you like this color? _____
 A) Not a statement B) Statement
- 38) $0.2 = .02$ _____
 A) Statement B) Not a statement
- 39) Go fly a kite. _____
 A) Statement B) Not a statement

- | | |
|--|---------------------------------|
| 40) One inch is 2.54 meters.
A) Statement | 40) _____
B) Not a statement |
| 41) Mary has a cat.
A) Not a statement | 41) _____
B) Statement |

Decide whether the statement is compound.

- | | |
|--|------------------------------|
| 42) Computers are very helpful to people.
A) Not compound | 42) _____
B) Compound |
| 43) $\sqrt{4}$ is rational and $\sqrt{9}$ is irrational.
A) Not compound | 43) _____
B) Compound |
| 44) Today is not Sunday.
A) Compound | 44) _____
B) Not compound |
| 45) $22 + 45 \neq 51$
A) Compound | 45) _____
B) Not compound |
| 46) If Mary doesn't get up, then Chris will be late for school.
A) Not compound | 46) _____
B) Compound |
| 47) He's from England and he doesn't drink tea.
A) Compound | 47) _____
B) Not compound |
| 48) If it rains, we won't play soccer.
A) Not compound | 48) _____
B) Compound |
| 49) The sign read "Not for sale".
A) Compound | 49) _____
B) Not compound |
| 50) I'll go to Mexico or Costa Rica for my next vacation.
A) Compound | 50) _____
B) Not compound |
| 51) She was singing a Simon and Garfunkel song.
A) Compound | 51) _____
B) Not compound |

Write a negation for the statement.

- | | |
|---|---|
| 52) She earns more than me.
A) She earns less than me.
C) She does not earn more than me. | 52) _____
B) She earns the same as me.
D) She does not earn less than me. |
| 53) Not all people like football.
A) Some people like football.
C) All people do not like football. | 53) _____
B) All people like football.
D) Some people do not like football. |

- 54) Everyone is asleep. 54) _____
 A) Nobody is asleep. B) Nobody is awake.
 C) Everyone is awake. D) Not everyone is asleep.
- 55) Some athletes are musicians. 55) _____
 A) Not all athletes are musicians. B) All athletes are musicians.
 C) No athlete is a musician. D) Some athletes are not musicians.
- 56) No fifth graders play soccer. 56) _____
 A) No fifth grader does not play soccer. B) Not all fifth graders play soccer.
 C) At least one fifth grader plays soccer. D) All fifth graders play soccer.
- 57) Some people don't like walking. 57) _____
 A) Everyone likes walking. B) Some people like walking.
 C) Some people don't like driving. D) Nobody likes walking.

Write a negation of the inequality. Do not use a slash symbol.

- 58) $x < 4$ 58) _____
 A) $x > 4$ B) $x = 4$ C) $x \geq 4$ D) $x < -4$
- 59) $x \geq -19$ 59) _____
 A) $x \geq 19$ B) $x \leq -19$ C) $x < -19$ D) $x < 19$
- 60) $x \leq 17$ 60) _____
 A) $x \leq -17$ B) $x \geq 17$ C) $x > -17$ D) $x > 17$
- 61) $x > 60$ 61) _____
 A) $x = 60$ B) $x < 60$ C) $x < -60$ D) $x \leq 60$

Convert the symbolic compound statement into words.

- 62) p represents the statement "Her name is Lisa."
 q represents the statement "She lives in Chicago."
 Translate the following compound statement into words:
 $\sim p$ 62) _____
 A) Her name is Teresa. B) Her name is not Lisa.
 C) She does not live in Chicago. D) It is true her name is Lisa.
- 63) p represents the statement "Her name is Lisa."
 q represents the statement "She lives in Chicago."
 Translate the following compound statement into words:
 $p \wedge q$ 63) _____
 A) Her name is Lisa and she doesn't live in Chicago.
 B) Her name is Lisa and she lives in Chicago.
 C) Her name is Lisa or she lives in Chicago.
 D) If her name is Lisa, she lives in Chicago.

- 64) p represents the statement "It's raining in Chicago." 64) _____
 q represents the statement "It's windy in Boston."
 Translate the following compound statement into words:
 $p \vee q$
- A) It's raining in Chicago or it's windy in Boston.
 B) It's raining in Chicago and it's windy in Boston.
 C) If it's raining in Chicago, it's not windy in Boston.
 D) It's not the case that it's raining in Chicago and windy in Boston.
- 65) p represents the statement "It's Monday." 65) _____
 q represents the statement "It's raining today."
 Translate the following compound statement into words:
 $\sim p \wedge \sim q$
- A) It's not the case that it's Monday and raining today.
 B) It's not Monday and it's not raining today.
 C) It's Monday or it's raining today.
 D) It's not Monday or it's not raining today.
- 66) p represents the statement "It's Monday." 66) _____
 q represents the statement "It's raining today."
 Translate the following compound statement into words:
 $\sim p \vee \sim q$
- A) It's Monday and it's raining today.
 B) It's not Monday and it's not raining today.
 C) It's not Monday or it's not raining today.
 D) It's Monday or it's raining today.
- 67) p represents the statement : " $x < 2$ " 67) _____
 q represents the statement: " $y > 2$ "
 Translate the following compound statement into words:
 $p \vee \sim q$
- A) x is less than 2 and y is not greater than 2.
 B) x is less than 2 or y is not greater than 2.
 C) x is less than 2 or y is less than 2.
 D) x is not less than 2 and y is not less than 2.
- 68) p represents the statement : "Students are happy." 68) _____
 q represents the statement: "Teachers are happy."
 Translate the following compound statement into words:
 $\sim(p \vee \sim q)$
- A) Students are not happy and teachers are not happy.
 B) Students are not happy or teachers are not happy.
 C) It is not the case that students are happy and teachers are not happy.
 D) It is not the case that students are happy or teachers are not happy.

Let p represent the statement, "Jim plays football", and let q represent the statement "Michael plays basketball".

Convert the compound statement into symbols.

69) Jim does not play football and Michael does not play basketball. 69) _____
 A) $\sim p \wedge \sim q$ B) $\sim(p \wedge q)$ C) $\sim p \vee \sim q$ D) $\sim p \wedge q$

70) Neither Jim plays football nor Michael plays basketball. 70) _____
 A) $\sim p \vee \sim q$ B) $\sim p \wedge q$ C) $\sim(p \vee q)$ D) $\sim(p \wedge q)$

71) Jim does not play football and Michael plays basketball. 71) _____
 A) $\sim(p \wedge q)$ B) $\sim p \vee q$ C) $\sim p \wedge q$ D) $p \wedge q$

72) Jim does not play football or Michael plays basketball. 72) _____
 A) $p \vee q$ B) $p \wedge q$ C) $\sim(p \vee q)$ D) $\sim p \vee q$

73) It is not the case that Jim does not play football and Michael does not play basketball. 73) _____
 A) $\sim(p \vee q)$ B) $\sim p \wedge \sim q$ C) $\sim(\sim p \wedge \sim q)$ D) $\sim(\sim p \vee \sim q)$

74) Jim does not play football or Michael does not play basketball. 74) _____
 A) $p \wedge q$ B) $\sim p \vee \sim q$ C) $\sim p \wedge \sim q$ D) $\sim(p \vee q)$

75) Jim plays football and Michael plays basketball. 75) _____
 A) $p \vee q$ B) $\sim p \wedge q$ C) $p \vee \sim q$ D) $p \wedge q$

Decide whether the statement is true or false.

76) Every rational number is an integer. 76) _____
 A) True B) False

77) All whole numbers are real numbers. 77) _____
 A) True B) False

78) There exists a rational number that is an integer. 78) _____
 A) True B) False

79) The absolute value of any number is positive. 79) _____
 A) True B) False

80) Some real numbers are integers. 80) _____
 A) True B) False

81) Some whole numbers are not integers. 81) _____
 A) True B) False

82) At least one irrational number is not an integer. 82) _____
 A) True B) False

- 83) Not every whole number is a real number. 83) _____
 A) True B) False
- 84) No rational number is not a whole number. 84) _____
 A) True B) False
- 85) Not every real number is not a whole number. 85) _____
 A) True B) False

Let p represent a true statement and let q represent a false statement. Find the truth value of the given compound statement.

- 86) $p \wedge q$ 86) _____
 A) True B) False
- 87) $\sim p \vee q$ 87) _____
 A) True B) False
- 88) $p \wedge (q \vee p)$ 88) _____
 A) True B) False
- 89) $p \vee \sim q$ 89) _____
 A) False B) True
- 90) $\sim(p \vee \sim q)$ 90) _____
 A) True B) False
- 91) $[(\sim p \wedge \sim q) \vee \sim q]$ 91) _____
 A) False B) True
- 92) $\sim[\sim p \vee (\sim q \wedge p)]$ 92) _____
 A) True B) False
- 93) $\sim[(\sim p \wedge \sim q) \vee \sim q]$ 93) _____
 A) False B) True

Let p represent a true statement, while q and r represent false statements. Find the truth value of the compound statement.

- 94) $\sim p \vee (q \wedge \sim r)$ 94) _____
 A) True B) False
- 95) $(p \wedge \sim q) \wedge r$ 95) _____
 A) False B) True
- 96) $\sim[(\sim p \wedge q) \vee r]$ 96) _____
 A) False B) True

97) $\sim(p \wedge q) \wedge (r \vee \sim q)$ 97) _____
 A) False B) True

98) $\sim(\sim p \wedge \sim q) \vee (\sim r \vee \sim p)$ 98) _____
 A) True B) False

Let p represent $7 < 8$, q represent $2 < 5 < 6$, and r represent $3 < 2$. Decide whether the statement is true or false.

99) $\sim p \vee q$ 99) _____
 A) False B) True

100) $\sim q \wedge \sim r$ 100) _____
 A) False B) True

101) $(\sim p \wedge q) \vee \sim r$ 101) _____
 A) True B) False

102) $\sim(p \wedge q)$ 102) _____
 A) True B) False

103) $(\sim r \wedge \sim q) \vee (\sim r \wedge q)$ 103) _____
 A) False B) True

104) $(q \vee \sim p) \vee r$ 104) _____
 A) True B) False

105) $\sim(\sim p \wedge \sim q) \wedge (\sim r \wedge \sim q)$ 105) _____
 A) False B) True

106) $\sim(p \wedge r) \wedge \sim(q \wedge r)$ 106) _____
 A) False B) True

Give the number of rows in the truth table for the compound statement.

107) $\sim p \vee \sim q$ 107) _____
 A) 4 B) 16 C) 8 D) 2

108) $p \vee (\sim q \vee r)$ 108) _____
 A) 8 B) 6 C) 9 D) 3

109) $(p \vee q) \vee (\sim r \vee s) \wedge \sim t$ 109) _____
 A) 8 B) 25 C) 10 D) 32

110) $\sim(p \vee q) \wedge (q \wedge \sim r)$ 110) _____
 A) 9 B) 8 C) 4 D) 16

111) $\sim(p \vee q) \wedge (w \wedge \sim s) \wedge (r \vee t) \wedge (\sim u \vee s)$ 111) _____
 A) 128 B) 16 C) 64 D) 256

Construct a truth table for the statement.

112) $\sim r \wedge \sim s$

112) _____

A) $r \quad s \quad (\sim r \wedge \sim s)$

T	T	F
T	F	T
F	T	T
F	F	T

C) $r \quad s \quad (\sim r \wedge \sim s)$

T	T	T
T	F	F
F	T	F
F	F	T

B) $r \quad s \quad (\sim r \wedge \sim s)$

T	T	F
T	F	F
F	T	F
F	F	T

D) $r \quad s \quad (\sim r \wedge \sim s)$

T	T	F
T	F	F
F	T	F
F	F	F

113) $\sim s \vee (\sim p \vee s)$

113) _____

A) $s \quad p \quad \sim s \vee (\sim p \vee s)$

T	T	T
T	F	F
F	T	T
F	F	T

C) $s \quad p \quad \sim s \vee (\sim p \vee s)$

T	T	F
T	F	T
F	T	T
F	F	T

B) $s \quad p \quad \sim s \vee (\sim p \vee s)$

T	T	T
T	F	T
F	T	T
F	F	T

D) $s \quad p \quad \sim s \vee (\sim p \vee s)$

T	T	F
T	F	F
F	T	T
F	F	T

114) $c \vee \sim(q \wedge r)$

114) _____

A) $c \quad q \quad r \quad c \vee \sim(q \wedge r)$

T	T	T	T
T	T	F	T
T	F	T	T
T	F	F	T
F	T	T	F
F	T	F	T
F	F	T	T
F	F	F	T

B) $c \quad q \quad r \quad c \vee \sim(q \wedge r)$

T	T	T	T
T	T	F	T
T	F	T	T
T	F	F	T
F	T	T	F
F	T	F	T
F	F	T	T
F	F	F	F

115) $(p \wedge \sim s) \wedge q$

115) _____

A) $p \quad s \quad q \quad (p \wedge \sim s) \wedge q$

T	T	T	F
T	T	F	F
T	F	T	F
T	F	F	F
F	T	T	F
F	T	F	T
F	F	T	T
F	F	F	T

B) $p \quad s \quad q \quad (p \wedge \sim s) \wedge q$

T	T	T	F
T	T	F	F
T	F	T	T
T	F	F	F
F	T	T	F
F	T	F	F
F	F	T	F
F	F	F	F

$$116) \sim((w \wedge s) \vee q)$$

A) w	s	q	$\sim((w \wedge s) \vee q)$
T	T	T	T
T	T	F	F
T	F	T	T
T	F	F	F
F	T	T	T
F	T	F	F
F	F	T	T
F	F	F	F

B) w	s	q	$\sim((w \wedge s) \vee q)$
T	T	T	F
T	T	F	F
T	F	T	F
T	F	F	T
F	T	T	F
F	T	F	T
F	F	T	F
F	F	F	T

$$116) \underline{\hspace{2cm}}$$

$$117) s \vee (s \wedge \sim s)$$

A) s	$s \vee (s \wedge \sim s)$
T	T
F	T

C) s	$s \vee (s \wedge \sim s)$
T	T
F	F

B) s	$s \vee (s \wedge \sim s)$
T	F
F	F

D) s	$s \vee (s \wedge \sim s)$
T	F
F	T

$$117) \underline{\hspace{2cm}}$$

$$118) (t \wedge s) \vee (\sim t \wedge \sim s)$$

A) t	s	$(t \wedge s) \vee (\sim t \wedge \sim s)$
T	T	T
T	F	T
F	T	T
F	F	F

C) t	s	$(t \wedge s) \vee (\sim t \wedge \sim s)$
T	T	T
T	F	F
F	T	F
F	F	T

B) t	s	$(t \wedge s) \vee (\sim t \wedge \sim s)$
T	F	F
F	T	F

D) t	s	$(t \wedge s) \vee (\sim t \wedge \sim s)$
T	T	F
T	F	F
F	T	T
F	F	T

$$118) \underline{\hspace{2cm}}$$

$$119) \sim(\sim(p \vee q))$$

A) p	q	$\sim(\sim(p \vee q))$
T	T	T
T	F	T
F	T	T
F	F	F

C) p	q	$\sim(\sim(p \vee q))$
T	F	T
F	T	F

B) p	q	$\sim(\sim(p \vee q))$
T	T	T
T	F	T
F	T	F
F	F	F

D) p	q	$\sim(\sim(p \vee q))$
T	T	F
T	F	F
F	T	F
F	F	T

$$119) \underline{\hspace{2cm}}$$

120) $\sim(w \vee t) \wedge \sim(t \wedge w)$

120) _____

A) $w \quad t \quad \sim(w \vee t) \wedge \sim(t \wedge w)$

T	T	F
T	F	F
F	T	F
F	F	T

B) $w \quad t \quad \sim(w \vee t) \wedge \sim(t \wedge w)$

T	T	F
T	F	T
F	T	T
F	F	F

C) $w \quad t \quad \sim(w \vee t) \wedge \sim(t \wedge w)$

T	T	F
T	F	F
F	T	T
F	F	F

D) $w \quad t \quad \sim(w \vee t) \wedge \sim(t \wedge w)$

T	T	F
T	F	F
F	T	F
F	F	F

121) $(q \wedge r) \wedge (\sim r \vee t)$

121) _____

A) $q \quad r \quad t \quad (q \wedge r) \wedge (\sim r \vee t)$

T	T	T	T
T	T	F	F
T	F	T	F
T	F	F	F
F	T	T	F
F	T	F	F
F	F	T	F
F	F	F	F

B) $q \quad r \quad t \quad (q \wedge r) \wedge (\sim r \vee t)$

T	T	T	F
T	T	F	T
T	F	T	T
T	F	F	T
F	T	T	T
F	T	F	F
F	F	T	T
F	F	F	T

Use De Morgan's laws to write the negation of the statement.

122) A day late and a dollar short.

122) _____

A) Not a day late and not a dollar short.

B) Not a day late or not a dollar short.

C) A day late or not a dollar short.

D) Not a day late and a dollar short.

123) $10 < 15$ or $15 \neq 7$

123) _____

A) $10 \geq 15$ or $15 = 7$

B) $10 \geq 15$ or $15 \neq 7$

C) $10 < 15$ or $15 = 7$

D) $10 \geq 15$ and $15 = 7$

124) $7 + 4 = 11$ and $8 - 4 \neq 4$

124) _____

A) $7 + 4 = 11$ and $8 - 4 = 4$

B) $7 + 4 = 11$ or $8 - 4 \neq 4$

C) $7 + 4 \neq 11$ and $8 - 4 = 4$

D) $7 + 4 \neq 11$ or $8 - 4 = 4$

125) Cats are lazy or dogs aren't friendly.

125) _____

A) Cats aren't lazy and dogs are friendly.

B) Cats are lazy and dogs are friendly.

C) Cats aren't lazy or dogs aren't friendly.

D) Cats aren't lazy or dogs are friendly.

126) Denim is out and linen is in.

126) _____

A) Denim and linen are in.

B) Denim is not out or linen is not in.

C) Denim is not out and linen is out.

D) Denim is in and linen is out.

127) Roger or Emil will attend the game.

127) _____

A) Roger or Emil will not attend the game.

B) Roger will not attend the game and Emil will attend the game.

C) Roger and Emil will attend the game.

D) Roger will not attend the game and Emil will not attend the game.

128) It is Saturday and it is not raining.

128) _____

A) It is not Saturday and it is raining.

B) It is not Saturday or it is raining.

C) It is Saturday and it is raining.

D) It is not Saturday or it is not raining.

Answer Key

Testname: UNTITLED3

- 1) B
- 2) B
- 3) D
- 4) B
- 5) C
- 6) A
- 7) B
- 8) B
- 9) A
- 10) B
- 11) A
- 12) B
- 13) A
- 14) A
- 15) B
- 16) A
- 17) B
- 18) A
- 19) B
- 20) A
- 21) D
- 22) C
- 23) B
- 24) A
- 25) A
- 26) B
- 27) A
- 28) D
- 29) C
- 30) A
- 31) C
- 32) B
- 33) B
- 34) A
- 35) B
- 36) A
- 37) A
- 38) A
- 39) B
- 40) A
- 41) B
- 42) A
- 43) B
- 44) A
- 45) A
- 46) B
- 47) A
- 48) B
- 49) B

Answer Key

Testname: UNTITLED3

- 50) A
- 51) B
- 52) C
- 53) B
- 54) D
- 55) C
- 56) C
- 57) A
- 58) C
- 59) C
- 60) D
- 61) D
- 62) B
- 63) B
- 64) A
- 65) B
- 66) C
- 67) B
- 68) D
- 69) A
- 70) C
- 71) C
- 72) D
- 73) C
- 74) B
- 75) D
- 76) B
- 77) A
- 78) A
- 79) B
- 80) A
- 81) B
- 82) A
- 83) B
- 84) B
- 85) A
- 86) B
- 87) B
- 88) A
- 89) B
- 90) B
- 91) B
- 92) B
- 93) A
- 94) B
- 95) A
- 96) B
- 97) B
- 98) A

Answer Key

Testname: UNTITLED3

- 99) B
- 100) A
- 101) A
- 102) B
- 103) B
- 104) A
- 105) A
- 106) B
- 107) A
- 108) A
- 109) D
- 110) B
- 111) A
- 112) B
- 113) B
- 114) A
- 115) B
- 116) B
- 117) C
- 118) C
- 119) A
- 120) A
- 121) A
- 122) B
- 123) D
- 124) D
- 125) A
- 126) B
- 127) D
- 128) B