



WORLD MISSION
TECHNICAL SECONDARY SCHOOL



Republic of Rwanda
Ministry of Education



RTB | RWANDA
TVET BOARD

End Of Term exam Detail		Trainee's Detail	
SECTOR:	ICT	Trainee's Name:
TRADE:	NETWORKING	Trainer's Name:	NIZEYIMANA Eraste
ModuleCode	NEWTF501	Module Title	TELECOMMUNICATION
LEVEL:	5	Date:	-...../...../ 2024

Instructions:

Do all questions

Converting Binary to Decimal (A)

Write each binary number as a decimal number.

- Binary = 1001
Decimal =
- Binary = 100000
Decimal =
- Binary = 1100101101
Decimal =
- Binary = 100001000
Decimal =
- Binary = 10101001
Decimal =
- Binary = 1010000100
Decimal =
- Binary = 1011010111
Decimal =
- Binary = 1010101111
Decimal =
- Binary = 110111110100
Decimal =
- Binary = 11011010111
Decimal =

Converting Binary to Decimal (A) Answers

Write each binary number as a decimal number.

- Binary = 1001
Decimal = 9
- Binary = 100000
Decimal = 32
- Binary = 1100101101
Decimal = 813
- Binary = 100001000
Decimal = 264
- Binary = 10101001
Decimal = 169
- Binary = 1010000100
Decimal = 644
- Binary = 1011010111
Decimal = 727
- Binary = 1010101111
Decimal = 687
- Binary = 110111110100
Decimal = 7156
- Binary = 11011010111
Decimal = 3503

Converting Hexadecimal to Decimal (B)

Write each hexadecimal number as a decimal number.

- | | |
|------------------------------------|------------------------------------|
| 1. Hexadecimal = 8
Decimal = | 2. Hexadecimal = 3E
Decimal = |
| 3. Hexadecimal = 297
Decimal = | 4. Hexadecimal = 1D7
Decimal = |
| 5. Hexadecimal = 33A
Decimal = | 6. Hexadecimal = 146
Decimal = |
| 7. Hexadecimal = 118
Decimal = | 8. Hexadecimal = 18F
Decimal = |
| 9. Hexadecimal = 1D8E
Decimal = | 10. Hexadecimal = E96
Decimal = |

Converting Hexadecimal to Decimal (B) Answers

Write each hexadecimal number as a decimal number.

- | | |
|---|---|
| 1. Hexadecimal = 8
Decimal = 8 | 2. Hexadecimal = 3E
Decimal = 62 |
| 3. Hexadecimal = 297
Decimal = 663 | 4. Hexadecimal = 1D7
Decimal = 471 |
| 5. Hexadecimal = 33A
Decimal = 826 | 6. Hexadecimal = 146
Decimal = 326 |
| 7. Hexadecimal = 118
Decimal = 280 | 8. Hexadecimal = 18F
Decimal = 399 |
| 9. Hexadecimal = 1D8E
Decimal = 7566 | 10. Hexadecimal = E96
Decimal = 3734 |

Success!!!