

Grade 2 Mathematics Unit 1 TEST 1

Q1) Choose the correct answer

15

1. Simplify $2^3 \times 2^4$
- a. 2^7
 - b. 2^6
 - c. 2^5
 - d. 2^4
2. Simplify $3^2 \times 3^3$
- a. 3^5
 - b. 3^6
 - c. 3^4
 - d. 3^7
3. Simplify $4^2 \times 4^3$
- a. 4^5
 - b. 4^6
 - c. 4^4
 - d. 4^7
4. Simplify $5^2 \times 5^3$
- a. 5^5
 - b. 5^6
 - c. 5^4
 - d. 5^7
5. Simplify $6^2 \times 6^3$
- a. 6^5
 - b. 6^6
 - c. 6^4
 - d. 6^7

Q2) Choose the correct answer

1. Simplify $2^3 \times 2^4$
- a. 2^7
 - b. 2^6
 - c. 2^5
 - d. 2^4
2. Simplify $3^2 \times 3^3$
- a. 3^5
 - b. 3^6
 - c. 3^4
 - d. 3^7
3. Simplify $4^2 \times 4^3$
- a. 4^5
 - b. 4^6
 - c. 4^4
 - d. 4^7
4. Simplify $5^2 \times 5^3$
- a. 5^5
 - b. 5^6
 - c. 5^4
 - d. 5^7

Write a number in each box to make each statement true

$4 \times 125 = \square$

$10 \times 140 = \square$

$\square \times 100 = 1 \times 10$

Q3) Solve the following problems

1. Evaluate the following expressions
- a) 8×3
- b) $12 \div 4$
2. Solve
- a) $2 \times 12 + 1 \times 12 = 3$
- Show your working
3. The temperature in Paris is 15°C . The higher temperature is 20°C . What is the difference in temperature between the two cities?
4. If $3x = 12$, what are the possible values of x ?
5. $3x = \dots$ OR $12 = 3x$

Q4)

- 1) How is a relationship involving powers of 2?
- $2^3 \times 2^4 = 2^7$
- 2) List 10 positive whole numbers each greater than 1.
- What does the possible power of 2 look like in a table?
- | | |
|----------------|----------------|
| 2 ¹ | 2 ² |
| 2 ³ | 2 ⁴ |
- 3) How is a power relationship involving powers of 2?
- $2^3 \times 2^4 = 2^7$
- 4) List 10 positive whole numbers each greater than 1.
- What does the possible power of 2 look like in a table?
- | | |
|----------------|----------------|
| 2 ¹ | 2 ² |
| 2 ³ | 2 ⁴ |