

This or That 4th grade Unit 7

show your work and explain

Which set includes only prime numbers?

a. 7, 19, 31, 37

b. 7, 19, 32, 37

Work

Explain

Select all the sets that includes only prime numbers.

a. 13, 20, 31, 53

b. 2, 3, 7, 11

c. 5, 13, 23, 74

d. 5, 13, 17, 19

e. 3, 13, 17, 30

Work

Explain

Which set includes only prime numbers?

a. 7, 17, 23, 30

b. 7, 17, 29, 37

Work

Explain

Select all the sets that includes only prime numbers.

a. 3, 5, 7, 17

b. 3, 8, 17, 23

c. 31, 37, 41, 43,

d. 11, 17, 23, 25

e. 11, 13, 19, 29,

Work

Explain

Which statement is true?

a. 12 is a factor of 56

b. 12 is a factor of 60

Work

Explain

Select all the statements that are true.

a. 7 is a factor of 24

b. 6 is a factor of 42

c. 5 is a composite number

d. 2 is a prime number

e. 17 is a prime number

Work

Explain

Which statement is true?

- | |
|-------------------------|
| a. 5 is a factor of 55 |
| b. 10 is a factor of 25 |

Work

Explain

Select all the statements that are true.

- | |
|-----------------------------|
| a. 4 is a factor of 16 |
| b. 8 is a factor of 25 |
| c. 17 is a composite number |
| d. 29 is a prime number |
| e. 10 is a prime number |

Work

Explain

Which statement is true?

- | |
|-------------------------------|
| a. 7 is a factor of 28 and 32 |
| b. 9 is a factor of 27 and 63 |

Work

Explain

Select all the statements that are correct.

- | |
|-------------------------------|
| a. 7 is a factor of 49 and 34 |
| b. 5 is a factor of 35 and 40 |
| c. 4 is a factor of 16 and 36 |
| d. 3 is a factor of 27 and 9 |
| e. 8 is a factor of 19 and 48 |

Work

Explain

Which statement is true?

- | |
|-----------------------------------|
| a. 21 has 4 distinct factor pairs |
| b. 24 has 4 distinct factor pairs |

Work

Explain

Select all equations that are correct.

- | |
|-----------------------------------|
| a. 18 has 3 distinct factor pairs |
| b. 20 has 4 distinct factor pairs |
| c. 21 has 2 distinct factor pairs |
| d. 25 has 2 distinct factor pairs |
| e. 26 has 3 distinct factor pairs |

Work

Explain

Which statement is true?

- a. 28 has 3 distinct factor pairs
- b. 32 has 4 distinct factor pairs

Work

Explain

Select all equations that are correct.

- a. 30 has 4 distinct factor pairs
- b. 34 has 3 distinct factor pairs
- c. 32 has 3 distinct factor pairs
- d. 35 has 2 distinct factor pairs
- e. 40 has 5 distinct factor pairs

Work

Explain

Which statement is true?

- a. 9 is a prime number and can be written as the product of 9×1
- b. 9 is a composite number and can be written as the product of 3×3

Work

Explain

Select all that are correct.

- a. 5 is a composite number and can be written as the product of 5×1
- b. 6 is a prime number and can be written as the product of 3×2
- c. 8 is a composite number and can be written as the product of $2 \times 2 \times 2$
- d. 10 is a composite number and can be written as the product of $2 \times 3 \times 2$
- e. 12 is a composite number and can be written as the product of $2 \times 2 \times 3$

Work

Explain

Which statement is true?

- | |
|--|
| a. 14 is a composite number and can be written as the product of 2×7 |
| b. 16 is a composite number and can be written as the product of $2 \times 2 \times 2 \times 2 \times 2$ |

Work

Explain

Select all that are correct.

- | |
|--|
| a. 24 is a composite number and can be written as the product of $2 \times 2 \times 2 \times 3$ |
| b. 26 is a composite number and can be written as the product of $2 \times 2 \times 2 \times 2 \times 3$ |
| c. 45 is a composite number and can be written as the product of $2 \times 3 \times 5$ |
| d. 48 is a composite number and can be written as the product of $2 \times 2 \times 2 \times 2 \times 3$ |
| e. 49 is a prime number and can be written as the product of 7×7 |

Work

Explain

Which statement is true?

- | |
|---|
| a. 34 has 4 factors, and is a multiple of 4 |
| b. 34 has 4 factors, and is a multiple of 2 |

Work

Explain

Select all the statements that are correct.

- | |
|--|
| a. 30 has less than 7 factors, and is a multiple of 4 |
| b. 30 has more than 7 factors, and is a multiple of 5 |
| c. 33 has less than 4 factors, and is a multiple of 11 |
| d. 33 has more than 4 factors, and is a multiple of 3 |
| e. 35 has 4 factors, and is a multiple of 7 |

Work

Explain

Which statement is true?

a. 18 has less than 5 factors, and is a multiple of 6

b. 18 has more than 5 factors, and is a multiple of 9

Work

Explain

Select all the statements that are correct.

a. 24 has more than 5 factors, and is a multiple of 4

b. 24 has less than 8 factors, and is a multiple of 12

c. 26 has more than 3 factors, and is a multiple of 13

d. 26 has less than 5 factors, and is a multiple of 2

e. 27 has less than 4 factors, and is a multiple of 9

Work

Explain

Which statement is true?

a. 20 has more than 5 factors, and is a multiple of 40

b. 20 has less than 7 factors, and is a multiple of 5

Work

Explain

Select all the statements that are correct.

a. 36 has less than 4 factors, and is a multiple of 4

b. 36 has less than 4 factors, and is a multiple of 4

c. 35 has less than 4 factors, and is a multiple of 4

d. 35 has less than 4 factors, and is a multiple of 4

e. 28 has less than 4 factors, and is a multiple of 4

Work

Explain

Which statement is true?

a. 2 and 17 are factor pairs of 34

b. 2 and 18 are factor pairs of 34

Work

Explain

Select all the statements that are correct.

a. 2 and 14; 4 and 9; 6 and 6 are factor pairs of 36

b. 2 and 18; 4 and 9; 6 and 6 are factor pairs of 36

c. 2 and 8; 3 and 6; 4 and 4 are factor pairs of 16

d. 2 and 27; 6 and 9; 5 and 4 are factor pairs of 54

e. 2 and 3; 3 and 4; 2 and 6 are factor pairs of 12

Work

Explain

Which statement is true?

a. 2 and 8; 4 and 4; 1 and 16 are factor pairs of 16

b. 2 and 12; 3 and 14; 4 and 6 are factor pairs of 24

Work

Explain

Select all the statements that are correct.

a. 1 and 54; 2 and 27; 6 and 9 are factor pairs of 54

b. 2 and 35; 5 and 14; 7 and 10 are factor pairs of 70

c. 2 and 22; 4 and 12 are factor pairs of 44

d. 2 and 21; 6 and 7 are factor pairs of 42

e. 4 and 20; 5 and 8; 1 and 4 are factor pairs of 40

Work

Explain

Which statement is true?

a. 6 is a factor of 24 and a multiple of 4

b. 7 is a factor of 28 and a multiple of 7

Work

Explain

Select all the statements that are correct.

a. 7 is a factor of 49 and a multiple of 14

b. 8 is a factor of 16 and a multiple of 4

c. 9 is a factor of 63 and a multiple of 3

d. 5 is a factor of 20 and a multiple of 15

e. 4 is a factor of 20 and a multiple of 2

Work

Explain

Which statement is true?

a. 8 is a factor of 48 and a multiple of 4

b. 8 is a factor of 63 and a multiple of 16

Work

Explain

Select all the statements that are correct.

a. 3 is a factor of 21 and a multiple of 3

b. 2 is a factor of 14 and a multiple of 6

c. 4 is a factor of 34 and a multiple of 8

d. 5 is a factor of 35 and a multiple of 5

e. 6 is a factor of 24 and a multiple of 3

Work

Explain

Which statement is true?

a. 23 is composite

b. 24 is composite

Work

Explain

Select all the statements that are correct.

a. 24 is composite

b. 25 is composite

c. 26 is composite

d. 27 is composite

e. 28 is composite

Work

Explain

Which statement is true?

a. 29 is composite

b. 30 is composite

Work

Explain

Select all the statements that are correct.

a. 31 is composite

b. 32 is composite

c. 33 is composite

d. 37 is composite

e. 41 is composite

Work

Explain