

Name _____

Date _____

Arithmetic Patterns - Guided Lesson Explanation

Explanation to #1

First we have to understand the rule to multiply by 4.

Multiply numbers in the "in" column by 4

In the first column the number has been multiplied by 4

In the same manner, multiply the numbers in other rows by 4.

$$6 \times 4 = 24$$

$$5 \times 4 = 20$$

$$11 \times 4 = 44$$

$$14 \times 4 = 56$$

$$3 \times 4 = 12$$

$$7 \times 4 = 28$$

Explanation to #2

First we have to understand the rule to subtract by 5.

Subtract the numbers in the "in" column by 5

In the first column, 5 has been subtracted from 20.

$$20 - 5 = 15$$

In the same manner, subtract 5 from numbers in other rows.

$$20 - 5 = 15$$

$$17 - 5 = 12$$

$$10 - 5 = 5$$

$$16 - 5 = 11$$

$$8 - 5 = 3$$

$$30 - 5 = 25$$



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Explanation to #3

First we have to understand the rule to divide by 6.

Divide numbers by 6 in column the "in" column

In the first column, 54 has been divided by 6

$$54 \div 6 = 9$$

In the same manner, divide numbers in other rows by 6.

$$54 \div 6 = 9$$

$$18 \div 6 = 3$$

$$24 \div 6 = 4$$

$$30 \div 6 = 5$$

$$72 \div 6 = 12$$

$$60 \div 6 = 10$$

