array

column

row {

A rectangular arrangement of objects in rows and columns.

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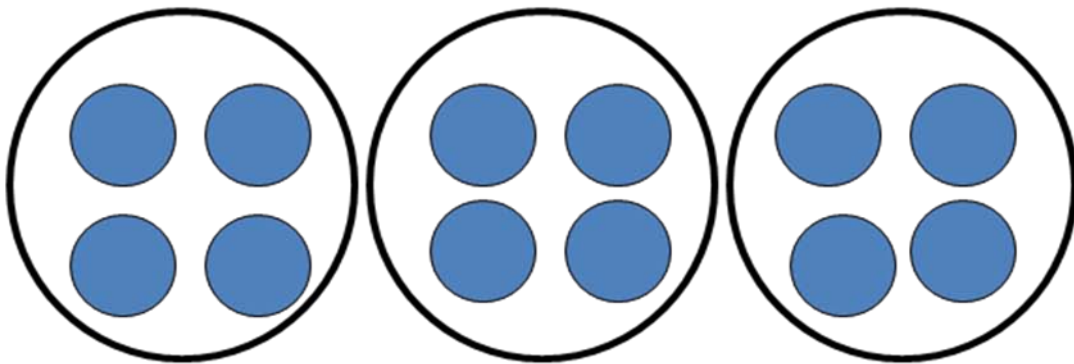WELD COUNTY SCHOOL DISTRICT 6

dividend
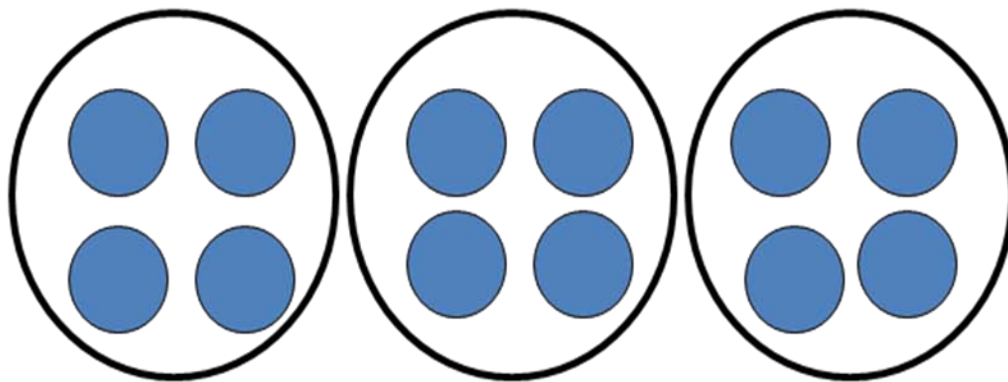
$$12 \div 3 = 4$$

The total being shared.

divisor

$$12 \div 3 = 4$$

The number of equal parts or the number in each equal part.

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fact power

The ability to recall basic numbers facts without having to figure them out.

factors

factors
↓   ↓
4 X 3 = 12

The numbers being multiplied in a multiplication number model.

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map scale
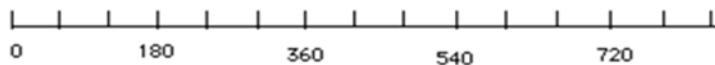
A rate that compares the distance between two locations on a map with the actual distance between them.
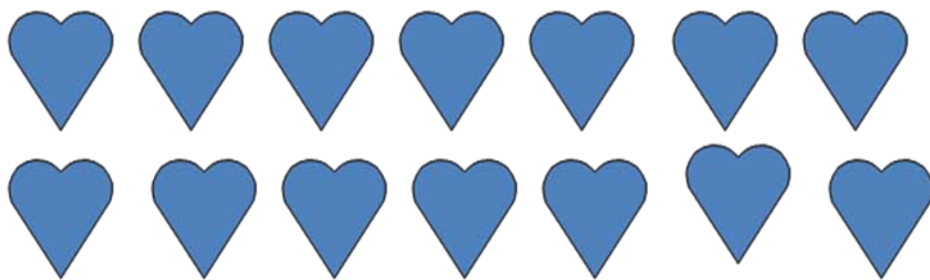
multiples

5's
5, 10, 15, 20

10's
30, 40, 50, 60

25's
75, 100, 125

Repeated groups of the same amount.

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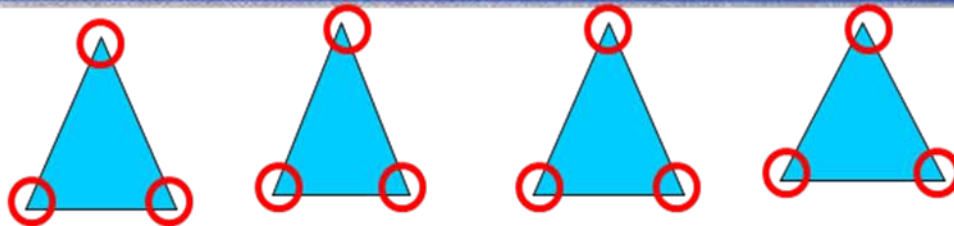WELD COUNTY SCHOOL DISTRICT 6

multiplication

♥ ♥ ♥ ♥ ♥ ♥ ♥
♥ ♥ ♥ ♥ ♥ ♥ ♥

$$7 \times 2 = 14$$

The operation used to find the total number in several equal groups.

multiplications/ division diagrams

triangles	$\dfrac{corners}{per\ triangle}$	$\dfrac{corners}{in\ all}$
4	3	?

4 × 3 = 12

The diagram has a number of groups, a number in each group and a total number.

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product

$$5 \leftarrow \text{multiplicand}$$

$$\times\ 3 \leftarrow \text{multiplier}$$

$$15 \leftarrow \text{product}$$

The result of doing multiplication.

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quotient

quotient → 5

divisor → 3 ⟌ 16

dividend → 15

remainder → 1

The result after dividing one number by another number; the number of equal shares.

remainder

$$5 \text{ R. } 1$$
$$2 \overline{)\ 11}$$
$$-10$$
$$1$$

remainder

The amount left over when things are divided into equal shares.

scale factor
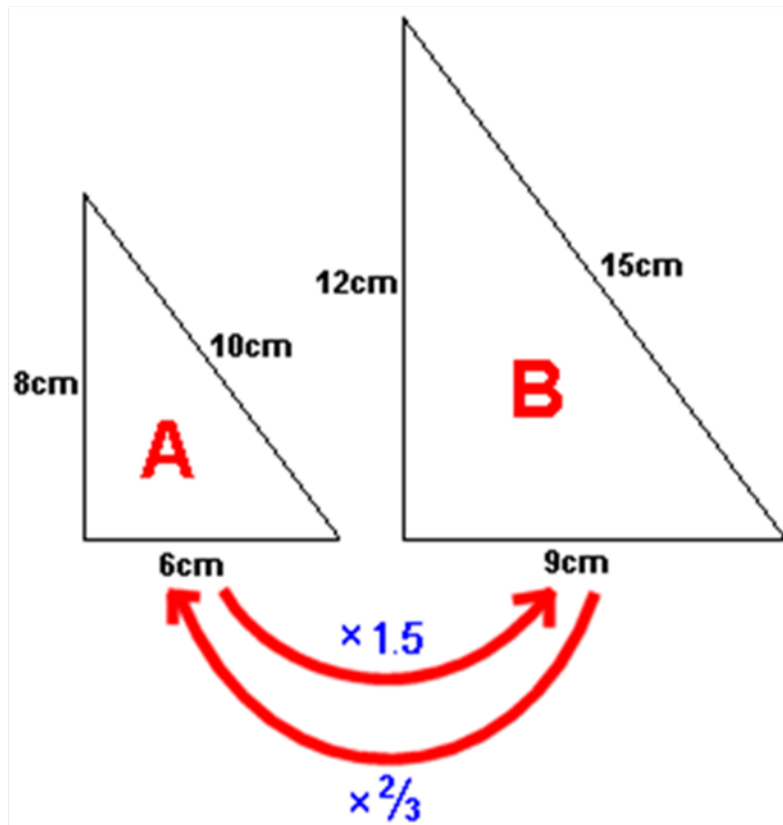
A number that names "how many times as many?" or "what fraction of?" one quantity is of another quantity.
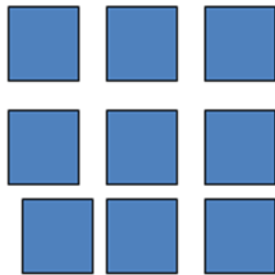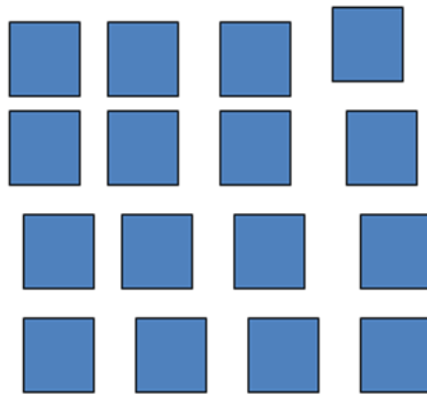
square number

1

4

9

16

$$35^2 = 35 \times 35 = 1225$$

A number that is the product of a whole number multiplied by itself; a whole number to the second power.

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turn-around facts

$$6 + 3$$
$$3 + 6$$

$$2 \times 3$$
$$3 \times 2$$

$$143 + 23$$
$$23 + 143$$

$$234 \times 5$$
$$5 \times 234$$

A pair of add or multiplication facts in which the order of the addends or the factors is reversed.

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