

March 9, 2016

$7x + 5 = 320$

$$x + 7x + x + 5 = 320$$

$$9x + 5 = 320$$

$$9x = 315$$

$$x = 35$$

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15% absent
34 present

Total total students $\rightarrow x$

$100\% - 15\% = 85\%$ Present

base $\cdot (85\%) = 34$

\downarrow
 x

$$\frac{.85x}{.85} = \frac{34}{.85}$$

$x = 40$ students in total

$.85(40) = 34$
 $34 = 34$

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$$3x + x = 76$$

$$4x = 76$$

$$x = 19$$

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5.1 Junctions

* Relation: a collection of ordered Pairs.
(a, b)

$$R = \{(4, -5), (-18, 2), (-4, 20)\}$$

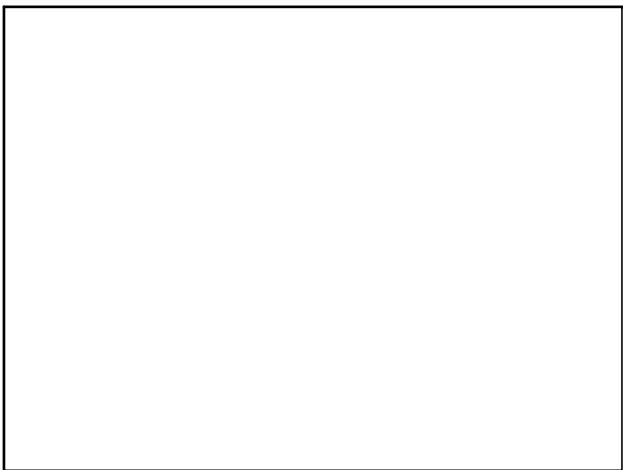
① Domain is the set of all 1st elements of the ordered Pairs of the Relation.

$\{4, -18, -6\}$
order does not matter

② Range is the set of 2nd elements of the ordered Pairs of the Relation.

$\{-5, 2, 20\}$

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