



Solve the inequality $2(3x - 5) \geq 43$

$$6x - 10 \geq 43$$

$$6x \geq 53$$

$$x \geq \frac{53}{6} \quad \text{or} \quad x \geq 8\frac{5}{6}$$

The ratio of the three angles in a triangle is $2 : 3 : 4$

Jack says the triangle is right-angled.

Is Jack correct?

No

$$2 + 3 + 4 = 9$$

$$180 \div 9 = 20$$

$$20 \times 2 = 40^\circ$$

$$20 \times 3 = 60^\circ$$

$$20 \times 4 = 80^\circ$$

20% of all the children in a class are left handed.

4 children are left handed.

How many children are there in the class altogether?

$$20\% \text{ of total} = 4$$

$$10\% \text{ of total} = 2$$

$$100\% \text{ of total} = 20$$

Complete the table of values and draw

the graph of $y = \frac{1}{x}$

x	0.5	1	2	3	4	5
y	2	1	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{5}$

