



OCTOBER 2015

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
18	19	20	21	22	23	24
	Two - Step Words WS	Pythagorean Theorem w.s	Multi-Step Problems WS	Variables on both sides WS	* Quiz * Review -No HW-	Carnival 3:00 - 6:00

Two- Step Problem Solving

1.) Let x be

- * what you are trying to find
- * what is being compared to

2.) Set-Up

- * Look for key words (front cover)

3.) Answer

- * Draw your line - circle the letter work farthest from the variable

4.) Properties

- * given, prop. of eq.

5.) Sentence

- * Answer the question

The ⁺sum of a number and
5 ₅ is ^xseven ₇.

Let x be a number

$$x + 5 = 7$$

given

$$x = 2$$

Subt. prop. of
eqs.

The number is 2.

You go to the store and buy
 three bananas and a \$2 burrito. Total,
 you spend \$7. How much is each
 banana?

Let x be the cost of each banana

$$\begin{array}{r} 3x + 2 = 7 \\ - 2 \quad - 2 \\ \hline \end{array} \quad \text{given}$$

Each banana

$$\frac{3x}{3} = \frac{5}{3} \quad \text{Subt. prop of eq.}$$

costs \$1.67.

$$x = 1.67 \quad \text{div. prop of eq.}$$

Five less ⁻ (than) ^{2 ·} twice a number ^x
 is 31.
 =

Let x be a number

$$\cancel{2x} - 5 = 31 \quad \text{given}$$

$$\frac{2x}{2} = \frac{36}{2}$$

$$x = 18$$

add. prop. of eq.

div prop of eq.

The number is 18.

^{total}
 220 Students are going on
 a field trip. 10 Students will
 ride with their parents ⁺ and the rest
 will fit into 7 buses. How many students
 can fit on each bus?

Let x be the number of students on each bus

$$10 + 7x = 220$$

given

$$-10$$

$$7x = 210$$

subt. prop of eq.

$$x = 30$$

div. prop of eq.

30 students can fit on each bus