

FINDING A MISSING NUMBER:

STORY

NORMAL CASE

+	-
-	+
x	÷
÷	x



Linda



John



Dad:

"Linda, come over here!
I need to ask you a question"

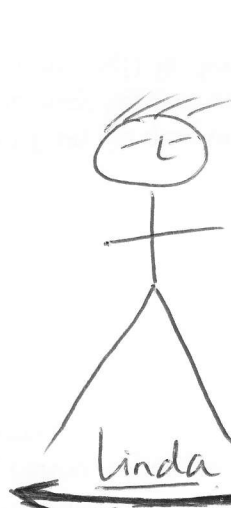
TROUBLE CASE

When $(-)$ stay in front of the $[?]$

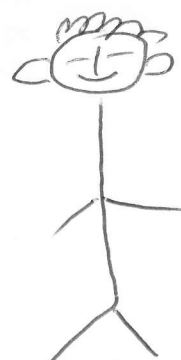
* DONOT CHANGE SIGN



Dad:



Linda



John

Dad says: "linda, you are not telling the truth,
you step outside and John get in here"

$$a + [?] = b$$

$$[?] = b - a$$

TROUBLE !!!

$$a - [?] = b$$

$$a - b = [?]$$

$$a \times [?] = b$$

$$[?] = b \div a$$

TROUBLE !!!

$$a \div [?] = b$$

$$a \div b = [?]$$

$$[?] + a = b$$

$$[?] = b - a$$

$$[?] - a = b$$

$$[?] = b + a$$

$$[?] \times a = b$$

$$[?] = b \div a$$

$$[?] \div a = b$$

$$[?] = b \times a$$

$$a + b = [?]$$

No movement

$$a - b = [?]$$

No movement

$$a \times b = [?]$$

No movement

$$a \div b = [?]$$

No movement