section 1.5: could

Tuesday, October 01, 2013 8:31 AM

(3)
$$a(b+c) : (b+c) \cdot a$$
 T
(4) $\frac{2+2}{2+5} : \frac{3}{5}$ F
ndle: $\frac{6x+9}{3} : \frac{3(2x+3)}{3} : \frac{3}{3}(2x+3)$
 $: 1 (2x+3)$
 $: 2x+3$
(5) $2(xy) : (2x)(2y)$ F
(6) $3x^{2}yz \cdot 0 : 3x^{2}yz$ F
(7) $(a-6)+c : a-(b+c)$ F
 $a-b+c : 2 : a-b-c$ F
(8) $y = \frac{1}{y} : 1$ F
 $\frac{y+y}{1}$
(1) T

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$$(a+b)^2 = a^2 + b^2$$
 F

"bad" distribution:

$$\sqrt{x+y} \neq \sqrt{x} + \sqrt{y}$$

$$(x+y)^2 \neq x^2 + y^2$$

$$\frac{1}{x+y} \neq \frac{1}{x} + \frac{1}{y}$$

note: a-b < sometimes we want to pull att a negative sign

> a - b = -(-a + b)= - (b - a)

2-x = - (x-2)