nstruc

▷ 1
▷ S
 F
 I
▷ V
▷ S
 I
 F
▷ Y
▷ 2

[*12 pts*]   1. Solve

(a)

(b)

(c)

$\boxed{x}$

[3 pts]   2. S

[8 pts]   3. F

W16

[4 pts]

[4 pts]

[4 pts] 6. Solve the linear system $\begin{cases} 2x \\ 3x \end{cases}$

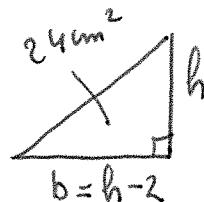$+ \dfrac{}{11}$

Take

Solution :

[4 pts] 7. The base of a right triangle is

Find the lengths of the base

$b = h - 2$

The length of the b

[8 pts]

[4 pts]   9. Simplify, expressing the result with positive ex

$$\left(\frac{2^3 a^{-2}\sqrt{b}}{2^{-2}a^4 b^{-5/2}} \right.$$

[4 pts]   10. Rationalize the denominator and simplify

$$\frac{\left(2-\sqrt{10}\right)\left(5\sqrt{2}+2\sqrt{}\right)}{\left(2-\sqrt{10}\right)\left(2+\sqrt{10}\right)}$$

11. The cost, y, of
costs $9,280$ to

[4 pts]   (a) Find the lir

$$9\,28$$
$$-\ 590$$
$$\overline{337}$$

$\boxed{a}$

$\text{Take } a =$

$9\,28$

$9\,28$
$-9\,00$
$\boxed{28}$

[2 pts]   (b) How much

$x = 10$

$y = 45$

$y = 47$

It costs

[2 pts]   (c) What is the

The cos

[8 pts]   12.

[4 pts]   13.

[*12 pts*]   15. Consider the functio

(a) State the domai

Domain

Domain

(b) Evaluate $3f(3)$

(c) Evaluate and sir

$g(1 + h$

[4 pts]   16.

[4 pts]   17. T
            a

Supplementary / draft page

Supplementary / draft page