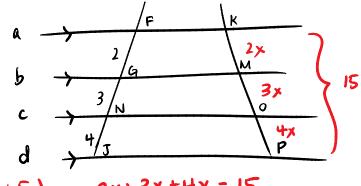
p. 355: 4, 6, 10, 15, 18, 22, 26, 29

Given: allbl/cl/d #4

KP = 15

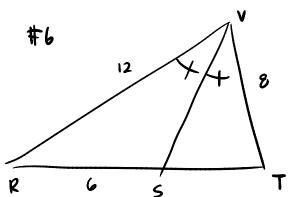
Find: KM, MO, and OP



$$\mathsf{KM} = 2\left(\frac{5}{3}\right) \quad \mathsf{M0} = 3\left(\frac{5}{3}\right)$$

$$OP = 4\left(\frac{5}{3}\right)$$

$$= \boxed{\frac{20}{3}}$$



$$\frac{12}{6} = \frac{8}{5T}$$

$$\frac{2}{1} = \frac{\mathcal{E}}{\mathsf{ST}}$$

Given: SV / RW #10

RW = 15

RS=10

ST = 3

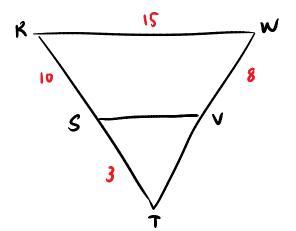
WV = 8

Find: SV and VT

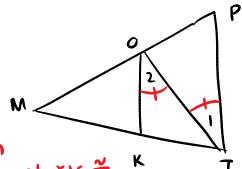
$$\frac{10}{3} = \frac{8}{VT}$$

$$\frac{3}{13} = \frac{SV}{15}$$

10VT = 24



Conc:
$$\frac{KM}{JK} = \frac{M0}{OP}$$



$$\frac{4x}{5x} = \frac{5x}{CD}$$

$$CD = \frac{25}{4} \times$$

$$\frac{3}{8} = \frac{15}{5R}$$

$$\frac{3}{2} = \frac{15}{5R}$$

$$35R = 30$$

$$5R = 10$$

$$R$$

Find: XP

$$XP = \frac{20}{3}$$

lengths as shown

Find: The perimeter of Δ HJF

$$\frac{(x-2)}{9} = \frac{4}{(x+3)}$$

$$(x-2)(x+3) = 36$$

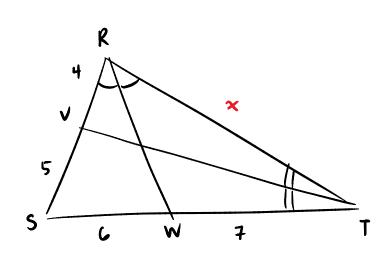
 $x^2+x-6 = 36$
 $x^2+x-42 = 0$
 $(x+7)(x-6) = 0$

$$x^{2} + x - 42 = 0$$

 $(x + 7)(x - 6) = 0$
 $x = -7/6$

$$\frac{4}{13} = \frac{5}{9}$$
 $49 = 65$
 $9 = \frac{1}{9} = \frac{1}{9}$

$$p = 42\frac{1}{4}$$



Show that the given info is ım possible

$$\frac{9}{6} = \frac{x}{7}$$

$$\frac{3}{2} = \frac{x}{7}$$

$$2x = 21$$

$$x = \frac{21}{2} \text{ or } 10\frac{1}{2}$$

$$\frac{\chi}{4} = \frac{7}{5}$$

$$5x = 18$$

$$x = \frac{28}{5} \text{ or } 5\frac{3}{5}$$

