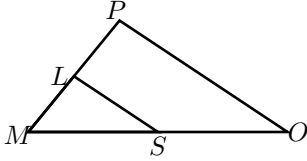


Name: \_\_\_\_\_

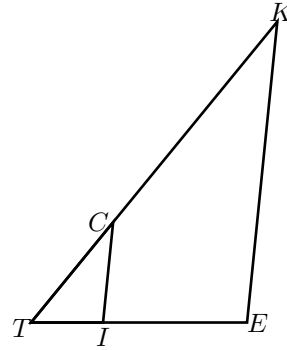
6.5 - SideSplitter (EMH)

#: \_\_\_\_\_

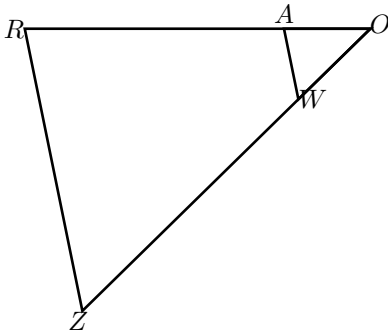
1. Given that  $\overline{LS} \parallel \overline{PO}$ ,  $MS = 9$ ,  $MO = 18$ , and  $ML = 5$ , what is the length of  $MP$ ?



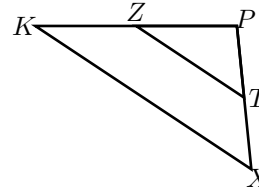
2. Given that  $\overline{CI} \parallel \overline{KE}$ ,  $TC = 9$ ,  $TK = 27$ , and  $CI = 7$ , what is the length of  $KE$ ?



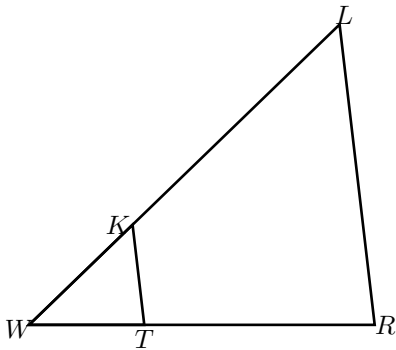
3. Given that  $\overline{WA} \parallel \overline{ZR}$ ,  $OW = 7$ ,  $OZ = 28$ , and  $WA = 5$ , what is the length of  $ZR$ ?



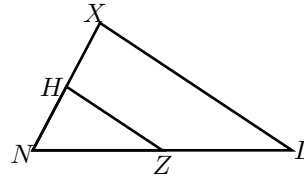
4. Given that  $\overline{TZ} \parallel \overline{XK}$ ,  $PT = 5$ ,  $PX = 10$ , and  $PZ = 7$ , what is the length of  $PK$ ?



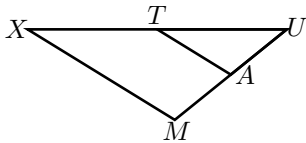
5. Given that  $\overline{KT} \parallel \overline{LR}$ ,  $WT = 8$ ,  $WR = 24$ , and  $KT = 7$ , what is the length of LR?



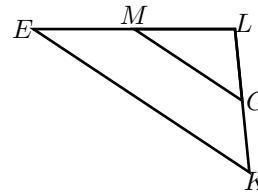
6. Given that  $\overline{HZ} \parallel \overline{XL}$ ,  $NZ = 9$ ,  $NL = 18$ , and  $NH = 5$ , what is the length of NX?



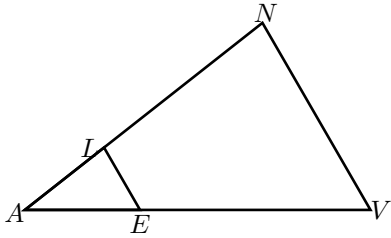
7. Given that  $\overline{AT} \parallel \overline{MX}$ ,  $AT = 6$ ,  $MX = 12$ , and  $UT = 9$ , what is the length of UX?



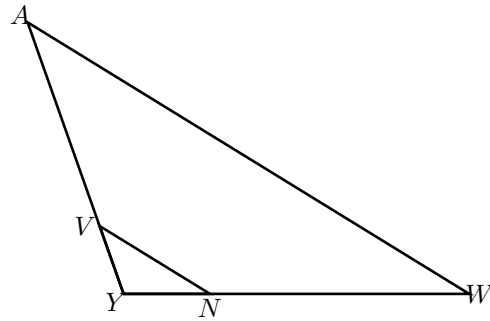
8. Given that  $\overline{GM} \parallel \overline{KE}$ ,  $GM = 9$ ,  $KE = 18$ , and  $LM = 7$ , what is the length of LE?



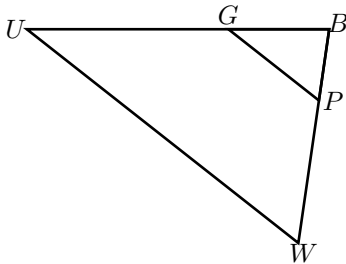
9. Given that  $\overline{LE} \parallel \overline{NV}$ ,  $AN = 21$ ,  $AL = 7$ , and  $AV = 24$ , what is the length of  $EV$ ?



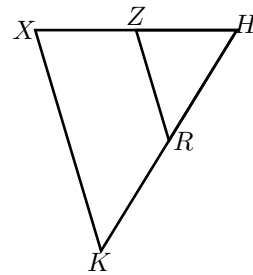
10. Given that  $\overline{VN} \parallel \overline{AW}$ ,  $VA = 15$ ,  $YV = 5$ , and  $VN = 9$ , what is the length of  $AW$ ?



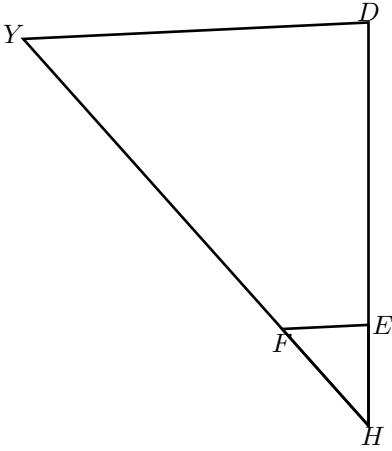
11. Given that  $\overline{PG} \parallel \overline{WU}$ ,  $PG = 8$ ,  $WU = 24$ , and  $BP = 5$ , what is the length of  $PW$ ?



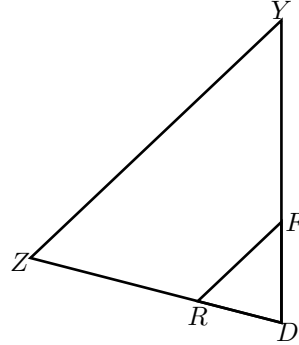
12. Given that  $\overline{RZ} \parallel \overline{KX}$ ,  $RK = 9$ ,  $HR = 9$ , and  $HX = 14$ , what is the length of  $HZ$ ?



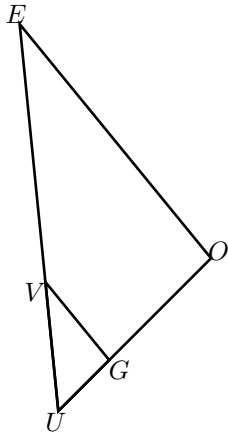
13. Given that  $\overline{FE} \parallel \overline{YD}$ ,  $HY = 36$ ,  $HF = 9$ , and  $HE = 7$ , what is the length of  $ED$ ?



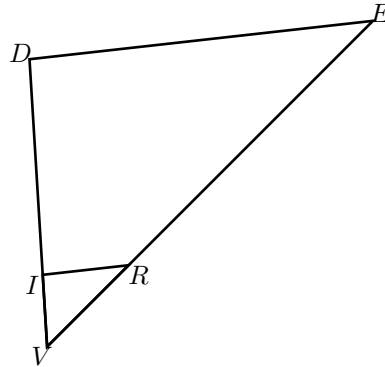
14. Given that  $\overline{RF} \parallel \overline{ZY}$ ,  $RZ = 12$ ,  $DR = 6$ , and  $DF = 7$ , what is the length of  $DY$ ?



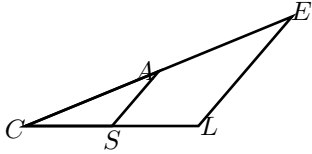
15. Given that  $\overline{VG} \parallel \overline{EO}$ ,  $VE = 18$ ,  $UV = 9$ , and  $UO = 15$ , what is the length of  $UG$ ?



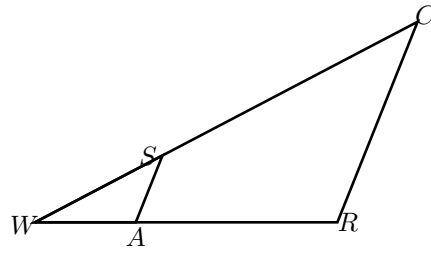
16. Given that  $\overline{IR} \parallel \overline{DE}$ ,  $ID = 15$ ,  $VI = 5$ , and  $VR = 8$ , what is the length of  $VE$ ?



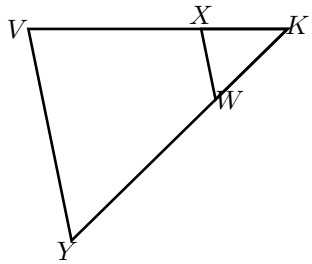
17. Given that  $\overline{AS} \parallel \overline{EL}$ ,  $CA = 10$ ,  $CE = 20$ , and  $SL = 6$ , what is the length of  $CS$ ?



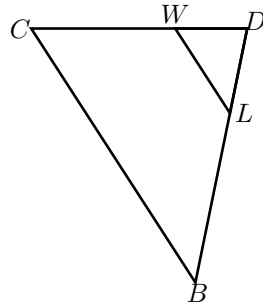
18. Given that  $\overline{SA} \parallel \overline{CR}$ ,  $SA = 5$ ,  $CR = 15$ , and  $AR = 14$ , what is the length of  $WR$ ?



19. Given that  $\overline{WX} \parallel \overline{YV}$ ,  $WX = 5$ ,  $YV = 15$ , and  $XV = 12$ , what is the length of  $KV$ ?



20. Given that  $\overline{LW} \parallel \overline{BC}$ ,  $LW = 7$ ,  $BC = 21$ , and  $WC = 10$ , what is the length of  $DC$ ?



Name: \_\_\_\_\_  
6.5 - SideSplitter (EMH)Answers

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1.  $MP = 10$
2.  $KE = 21$
3.  $ZR = 20$
4.  $PK = 14$
5.  $LR = 21$
6.  $NX = 10$
7.  $UX = 18$
8.  $LE = 14$
9.  $EV = 16$
10.  $AW = 36$
11.  $PW = 10$
12.  $HZ = 7$
13.  $ED = 21$
14.  $DY = 21$
15.  $UG = 5$
16.  $VE = 32$
17.  $CS = 6$
18.  $WR = 21$
19.  $KV = 18$
20.  $DC = 15$