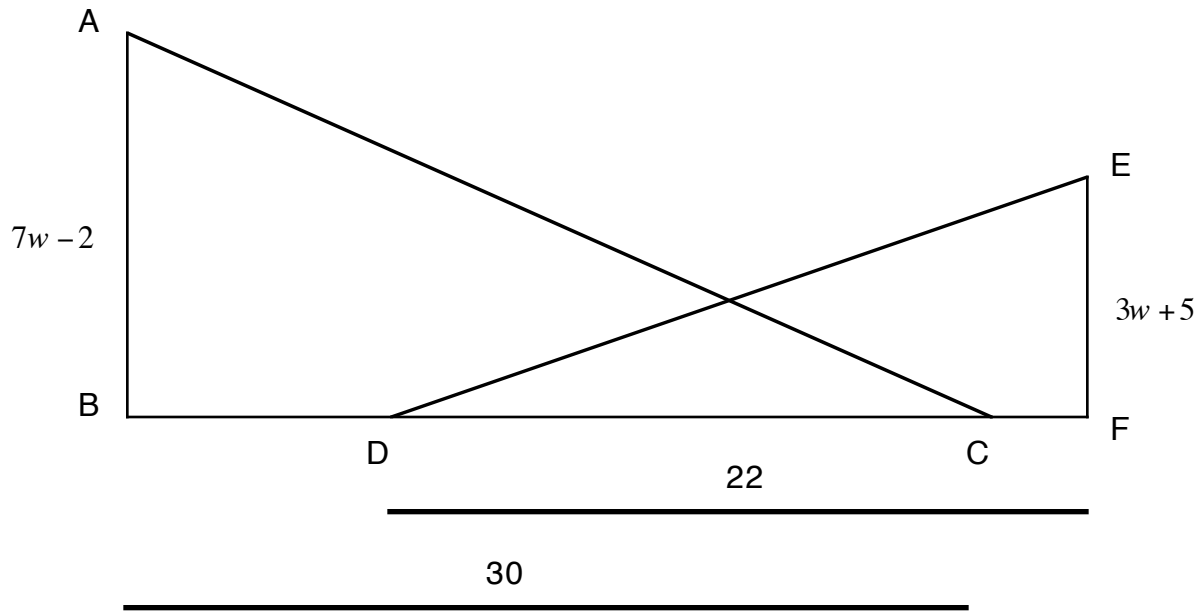
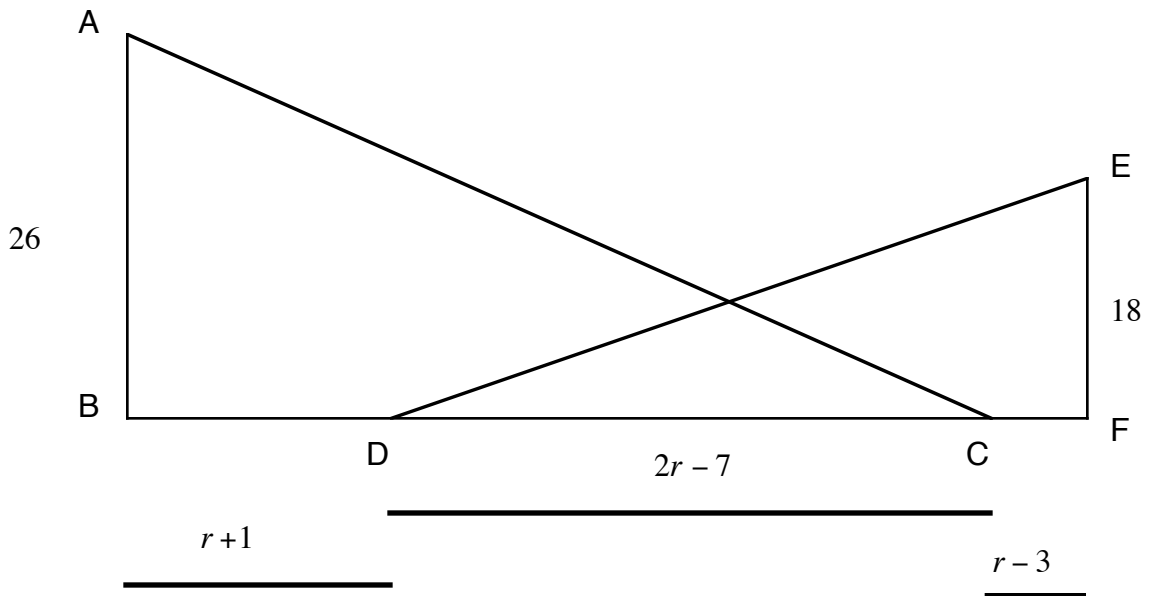


Problem 1

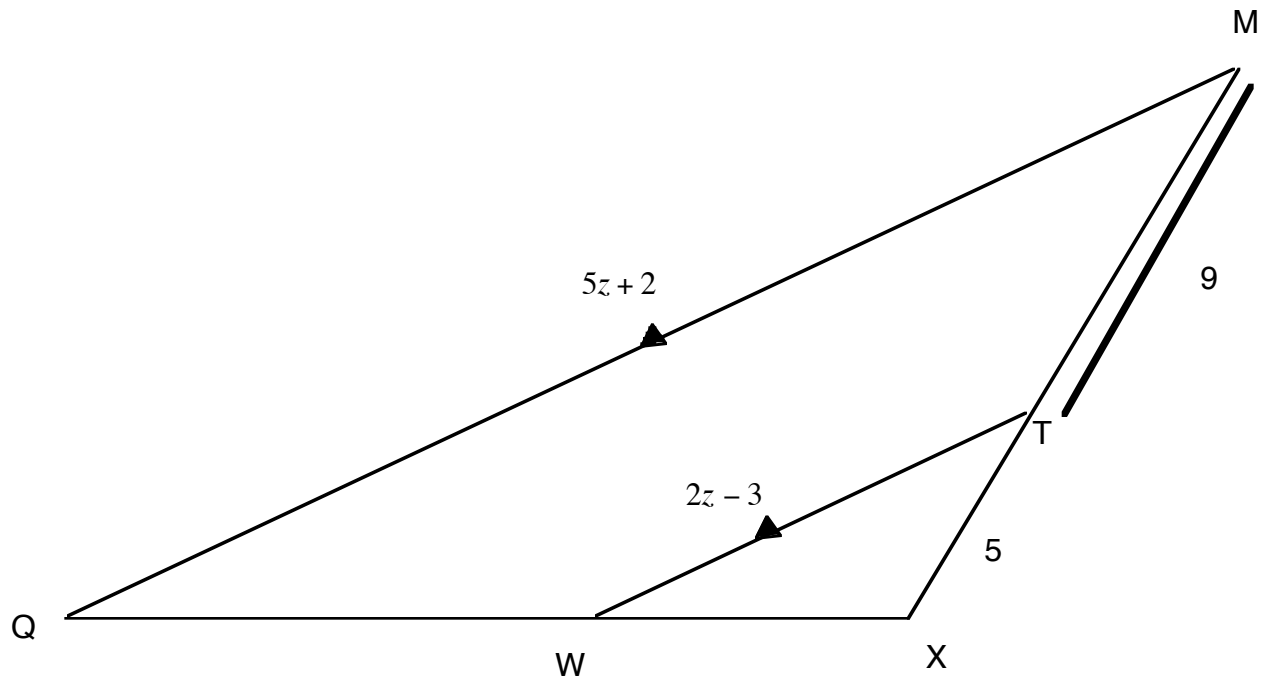
Name _____



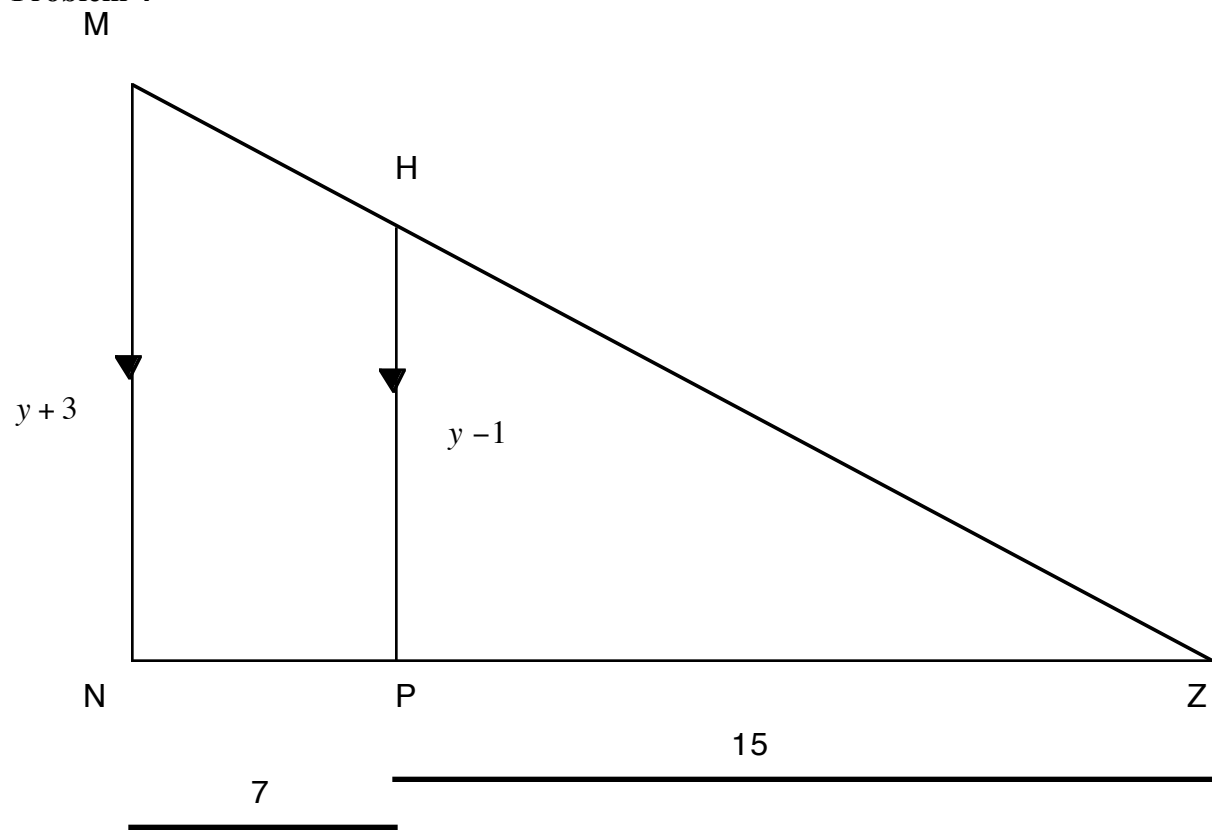
Problem 2



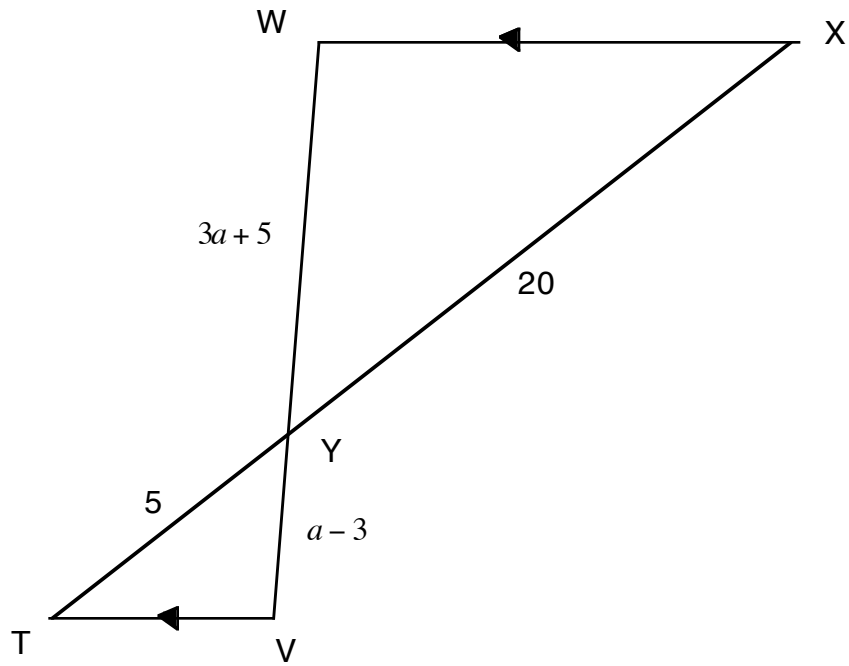
Problem 3



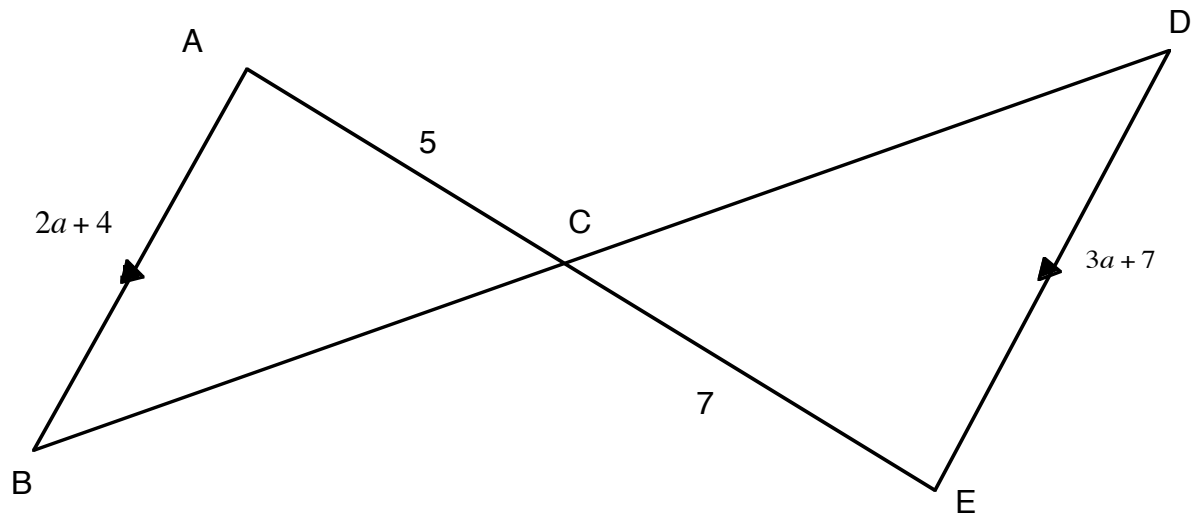
Problem 4



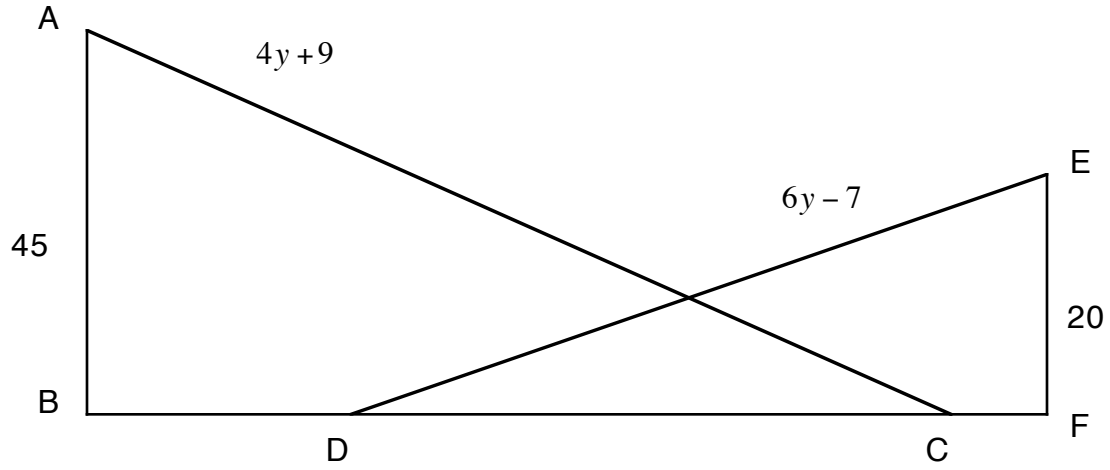
Problem 5



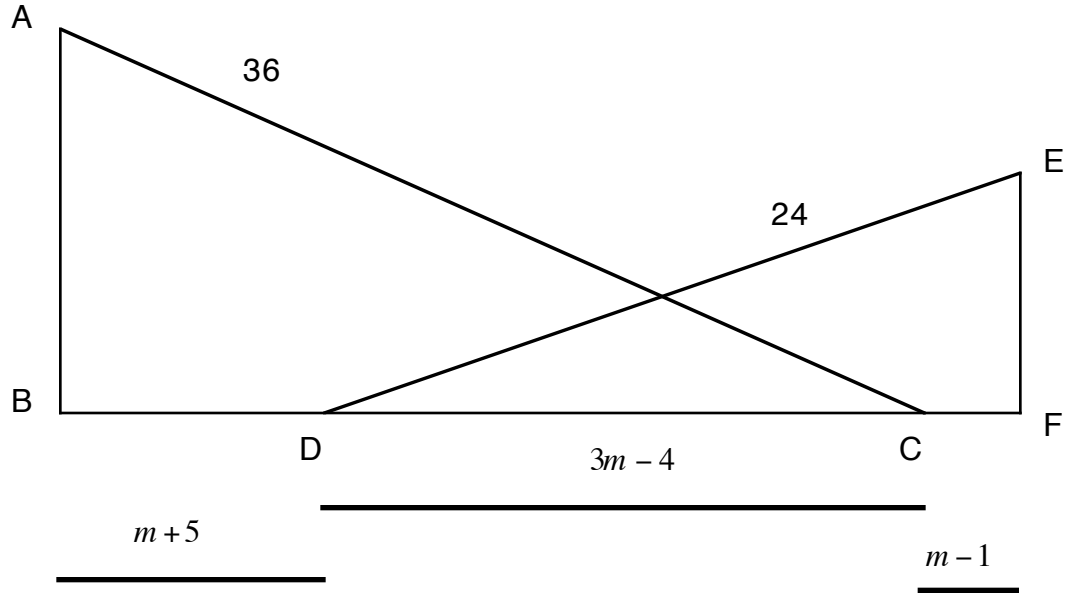
Problem 6



Problem 7

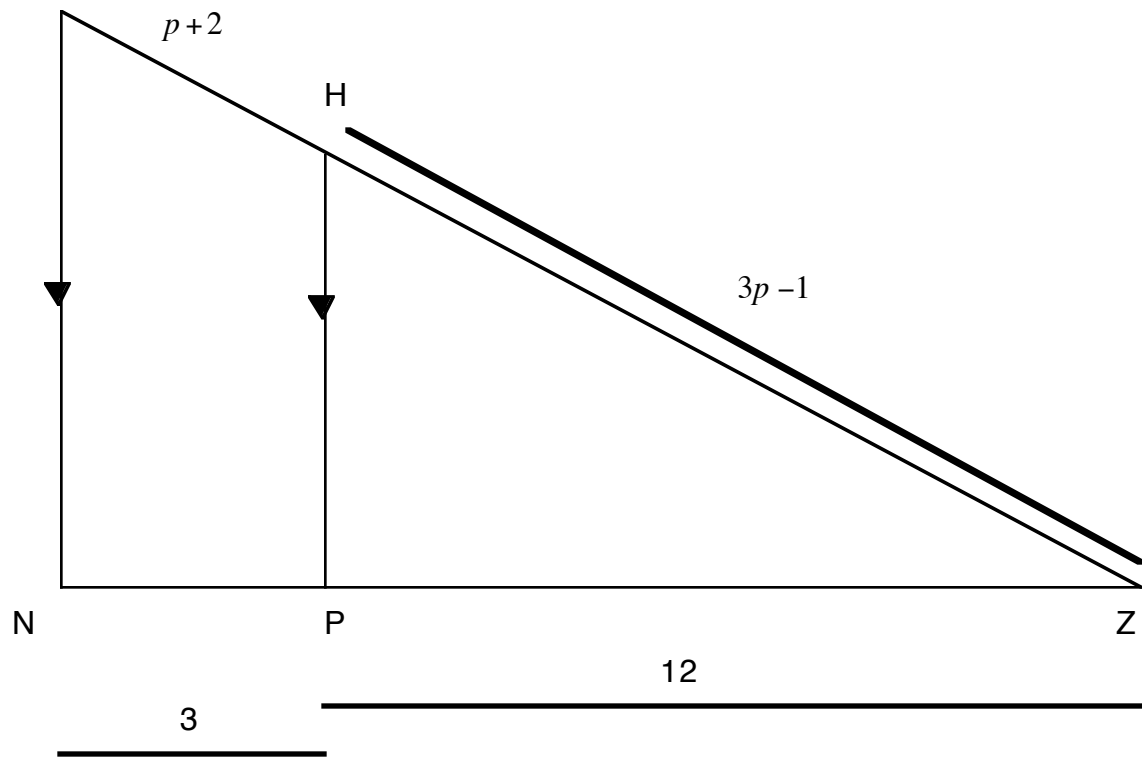


Problem 8

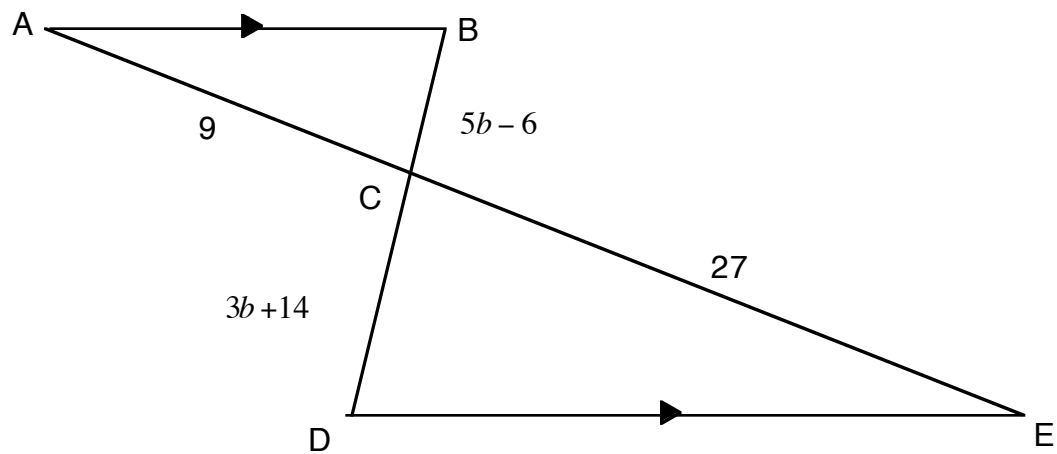


Problem 9

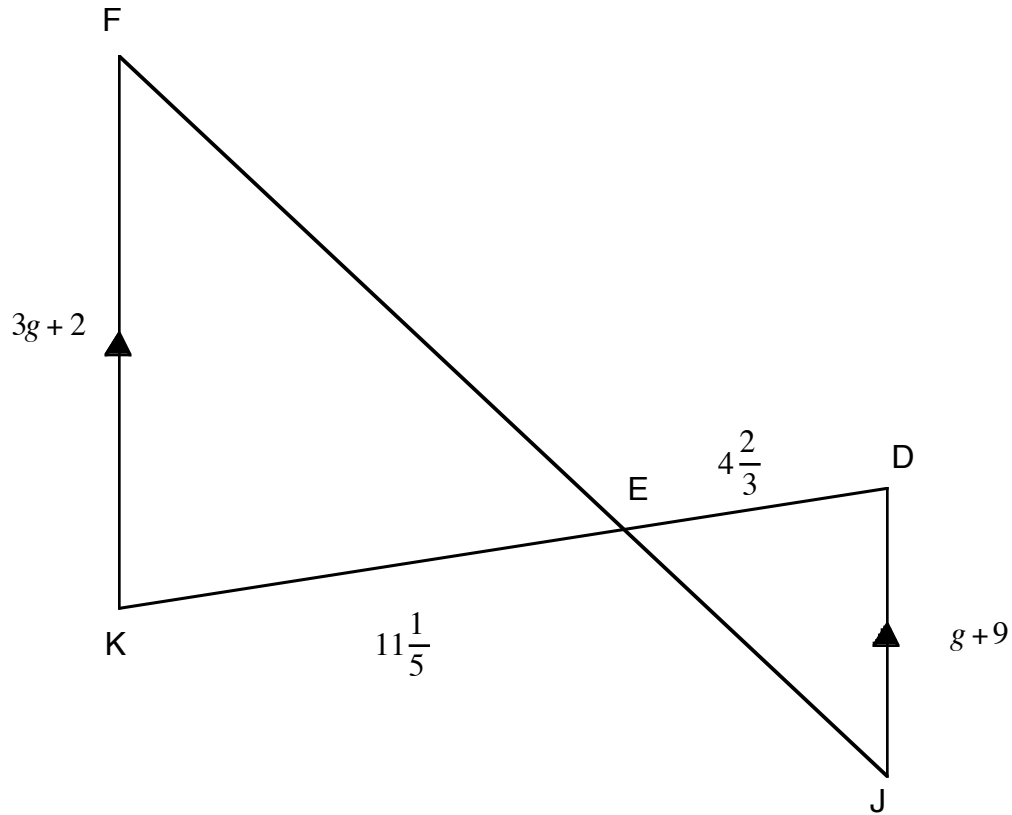
M



Problem 10



Problem 11



Problem 12

Find the missing sides if $\triangle ABC \sim \triangle DEF$, $a = 7$, $c = 13$, $e = 20$, $f = 39$ (round the sides to the nearest tenth)

Problem 13

Find the missing sides if $\triangle GMP \sim \triangle WYZ$, $g = 4\frac{3}{4}$, $m = 2\frac{1}{2}$, $w = 8\frac{1}{3}$, $z = 6\frac{2}{5}$ (exact answer no decimals)

Problem 14

Find the missing sides if $\triangle ABC \sim \triangle XYZ$, $a = 4.23$, $b = 7.64$, $y = 23.92$, $f = 13.61$ (round the sides to the nearest hundredth)

Problem 15

Find the missing sides if $\triangle LMN \sim \triangle TUV$, $m = 3\frac{1}{4}$, $n = 6\frac{2}{3}$, $t = 12$, $v = 9\frac{1}{2}$ (exact answer no decimals)