

# Practice Worksheet for Lesson 7-6

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

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

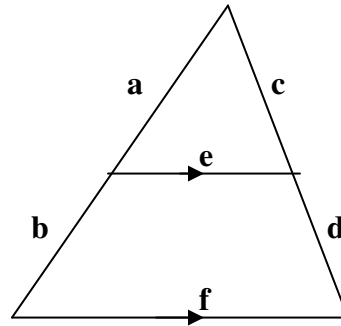
Tell whether the proportion is correct. Write yes or no.

1)  $\frac{e}{f} = \frac{a}{a+b}$

2)  $\frac{e}{f} = \frac{c}{d}$

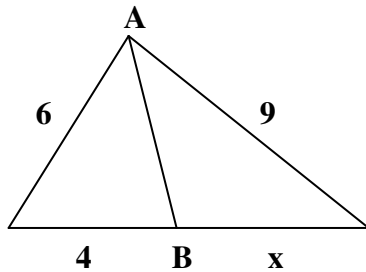
3)  $\frac{b}{a} = \frac{d}{c}$

4)  $\frac{b}{a+b} = \frac{c}{c+d}$

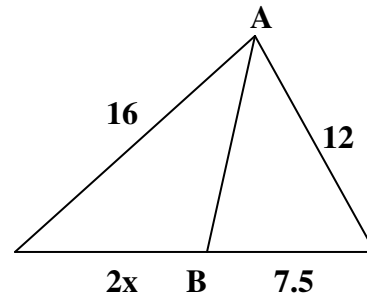


Find the value of x.

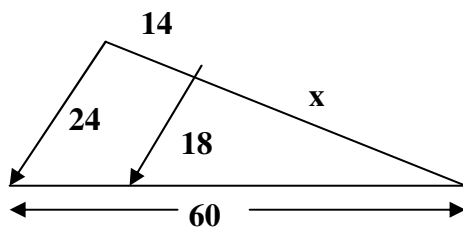
5) given segment AB is an  $\angle$  bisector



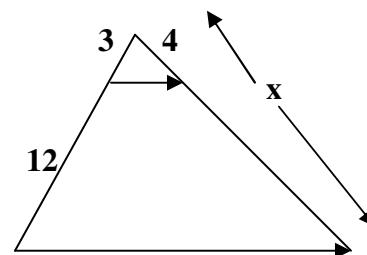
6) given segment AB is an  $\angle$  bisector



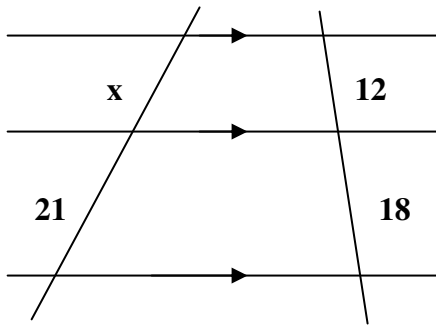
7)



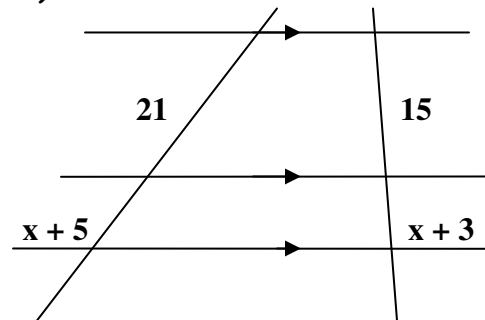
8)



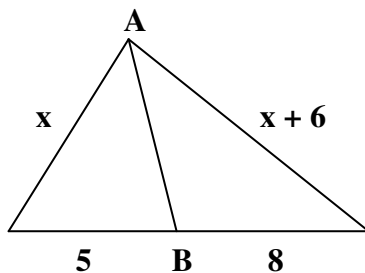
9)



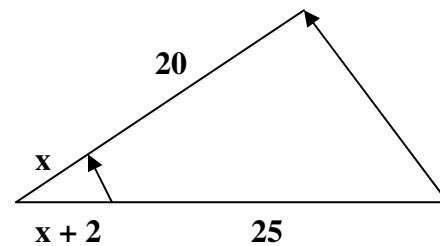
10)



11) given segment AB is an  $\angle$  bisector



12)



Three lots with parallel side boundaries extend from the avenue to the boulevard as shown in the diagram below. Find, to the nearest tenth of a meter, the frontages of the lots on Martin Luther King Avenue.

Given  $x + y + z = 140$  meters

X =

Y =

Z =

