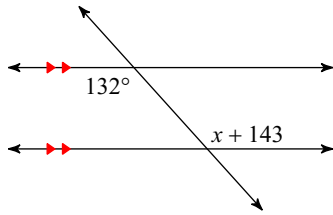


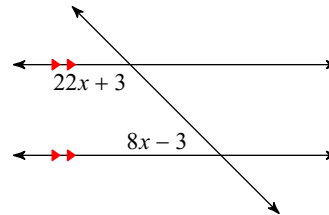
Unit 4A Additional Review

Solve for x .

1)

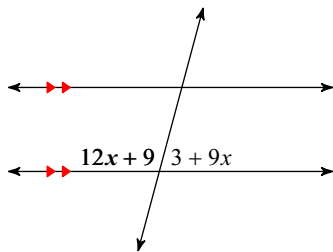


2)

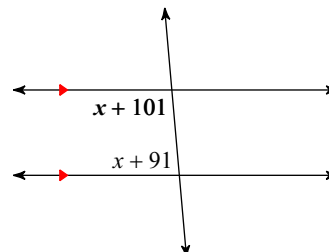


Find the measure of the angle indicated in bold.

3)

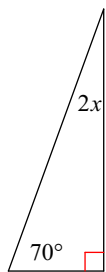


4)

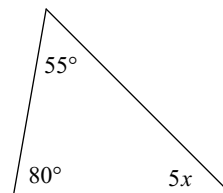


Solve for x .

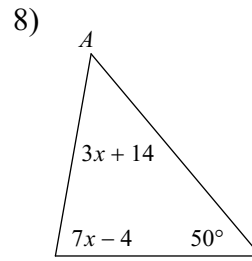
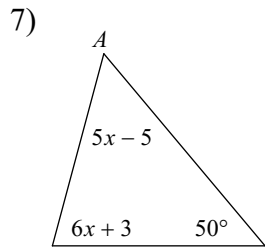
5)



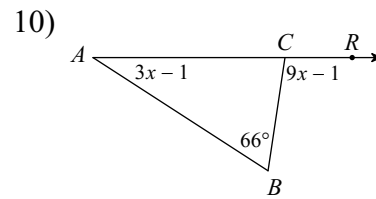
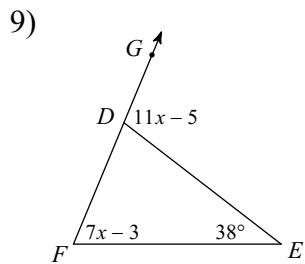
6)



Find the measure of angle A.

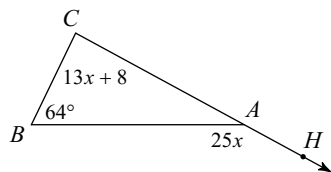


Solve for x .

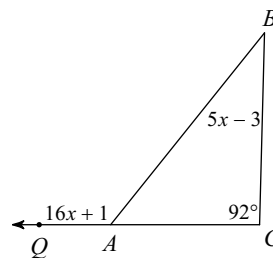


Find the measure of the angle indicated.

11) Find $m\angle C$.

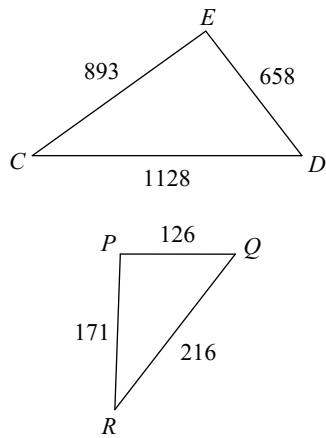


12) Find $m\angle B$.



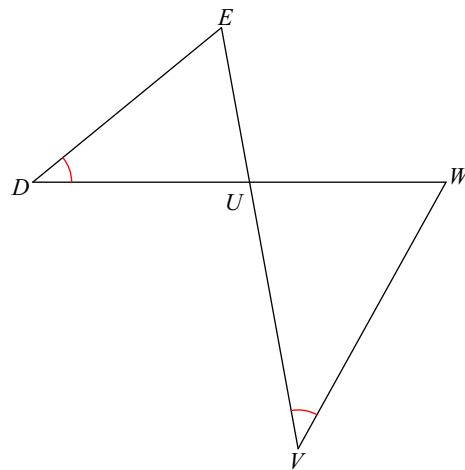
State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.

13)



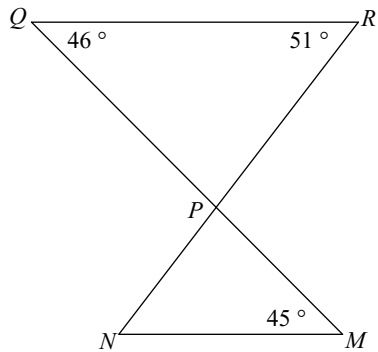
$\triangle EDC \sim$ _____

14)



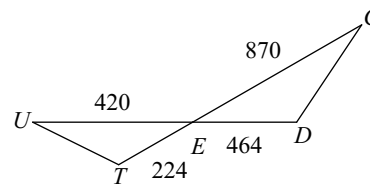
$\triangle UVW \sim$ _____

15)



$\triangle PQR \sim$ _____

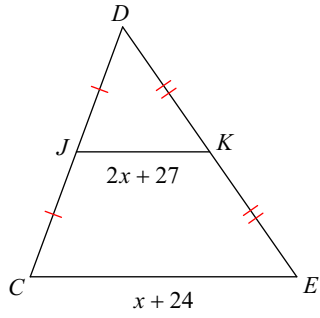
16)



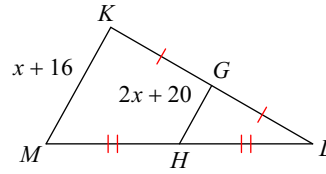
$\triangle EDC \sim$ _____

Solve for x .

17)

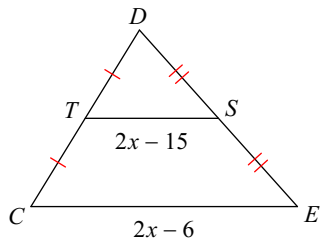


18)

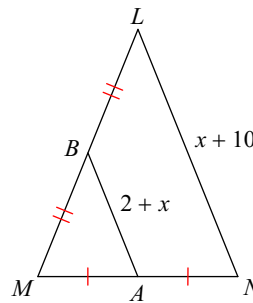


Find the missing length indicated.

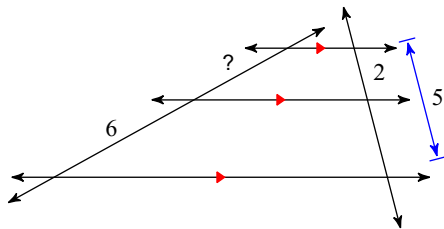
19) Find CE



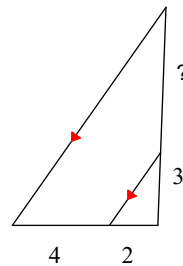
20) Find AB



21)

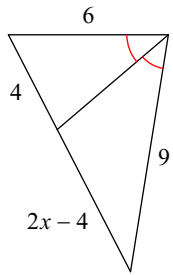


22)

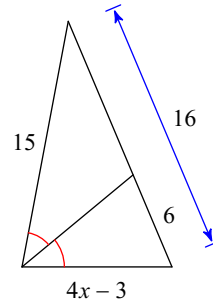


Solve for x .

23)



24)



Answers to Unit 4A Additional Review

- | | | | |
|--|--|---|----------------|
| 1) -11 | 2) 6 | 3) 105° | 4) 95° |
| 5) 10 | 6) 9 | 7) 55° | 8) 50° |
| 9) 10 | 10) 11 | 11) 86° | 12) 37° |
| 13) similar; SSS similarity; $\triangle PQR$ | | 14) similar; AA similarity; $\triangle UDE$ | |
| 15) not similar | 16) similar; SAS similarity; $\triangle ETU$ | | 17) -10 |
| 18) -8 | 19) 18 | 20) 8 | 21) 4 |
| 22) 6 | 23) 5 | 24) 3 | |