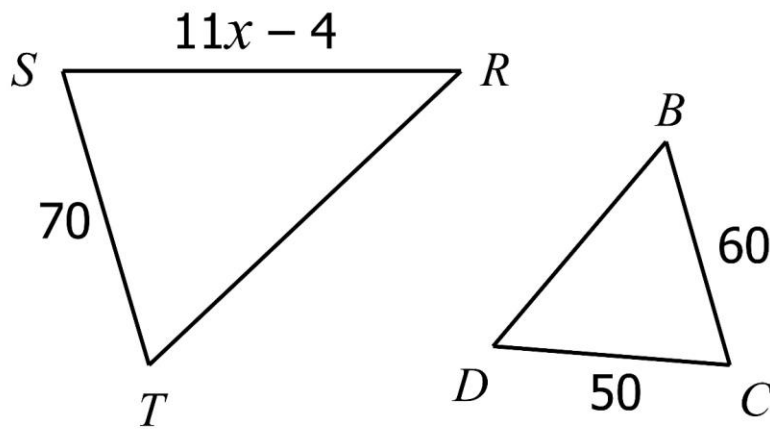


1

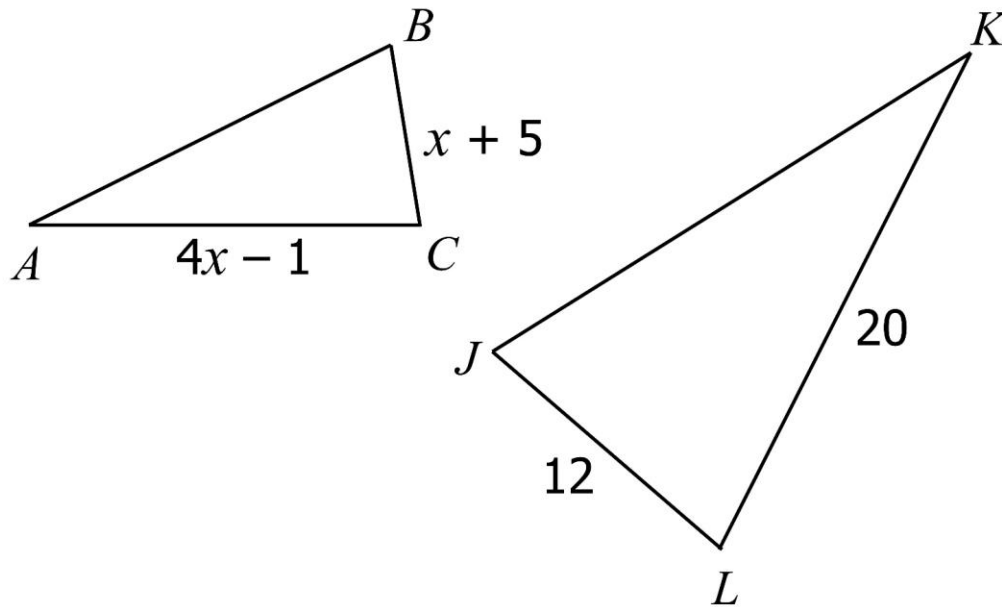
If $\triangle RST \sim \triangle BCD$,
find the value of x .



- A) 6
- B) 11
- C) 9
- D) 8
- E) 5

2

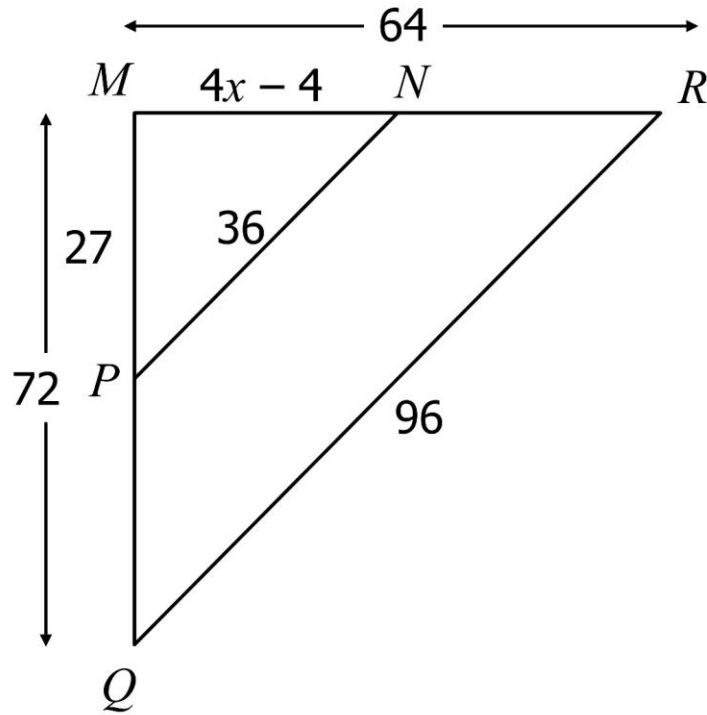
If $\triangle ABC \sim \triangle KJL$,
find the value of x .



- A) 4
- B) 7
- C) 3
- D) 2
- E) 5

3

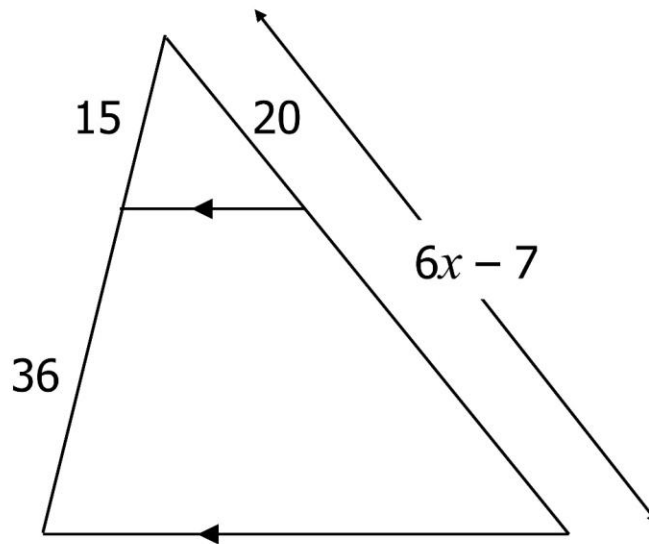
Solve for x in the figure below:



- A) 10
- B) 3
- C) 7
- D) 9
- E) 12

4

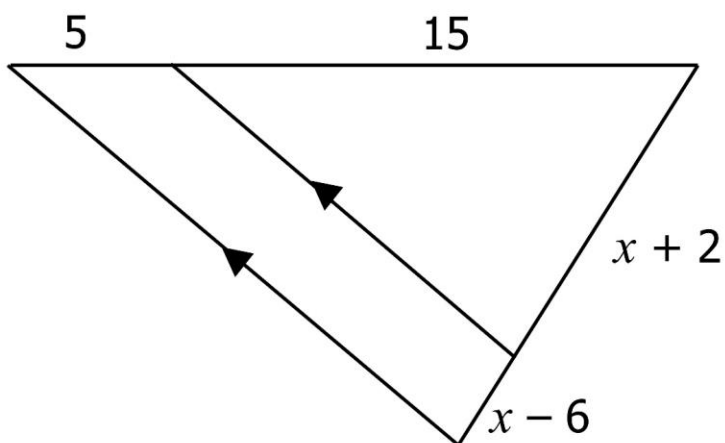
Solve for x in the figure below:



- A) 14
- B) 12.5
- C) 15
- D) 16.5
- E) 10

5

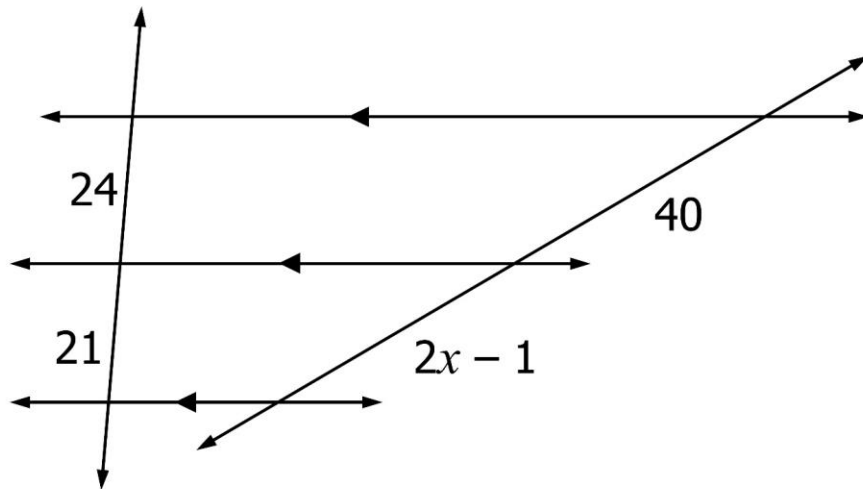
Solve for x in the figure below:



- A) 6
- B) 9
- C) 12
- D) 8
- E) 10

6

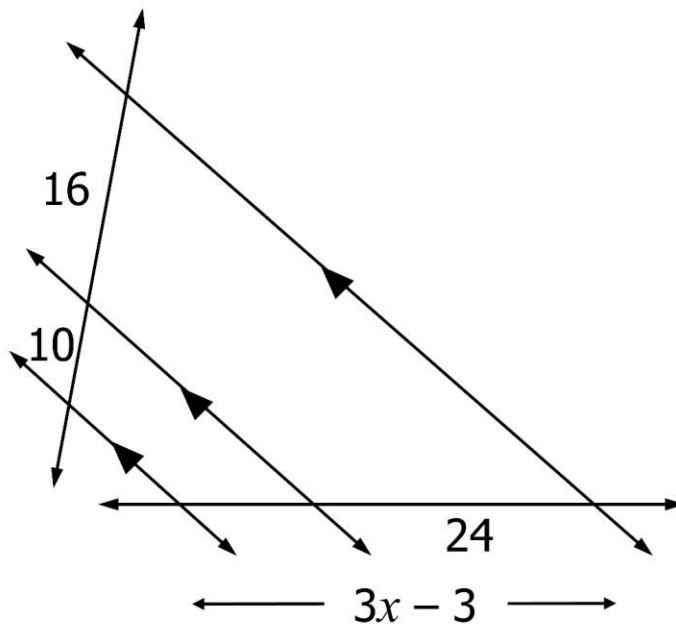
Solve for x in the figure below:



- A) 12
- B) 14
- C) 18
- D) 20
- E) 35

7

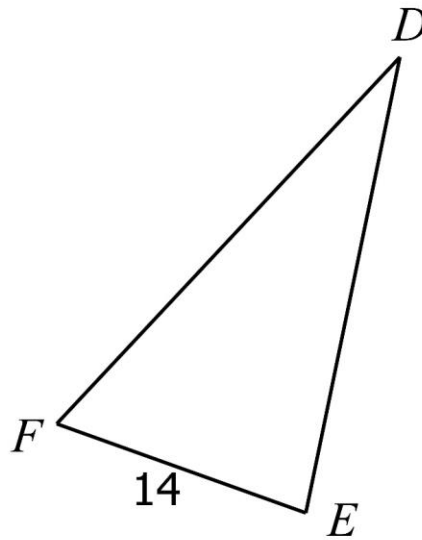
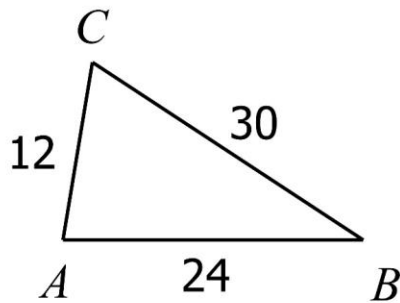
Solve for x in the figure below:



- A) 14
- B) 16.5
- C) 18
- D) 20.5
- E) 12.5

8

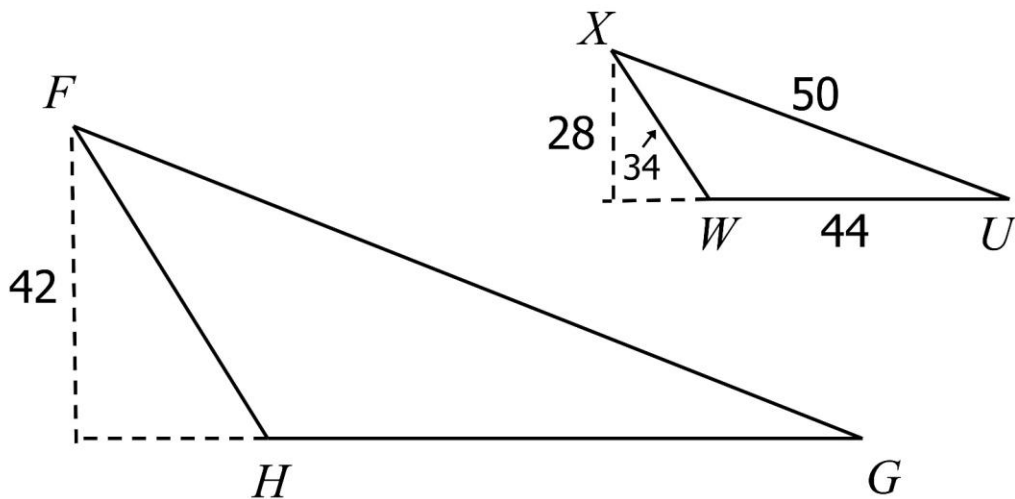
If the triangles below are similar, find the perimeter of triangle DEF.



- A) 70
- B) 95
- C) 84
- D) 62
- E) 77

9

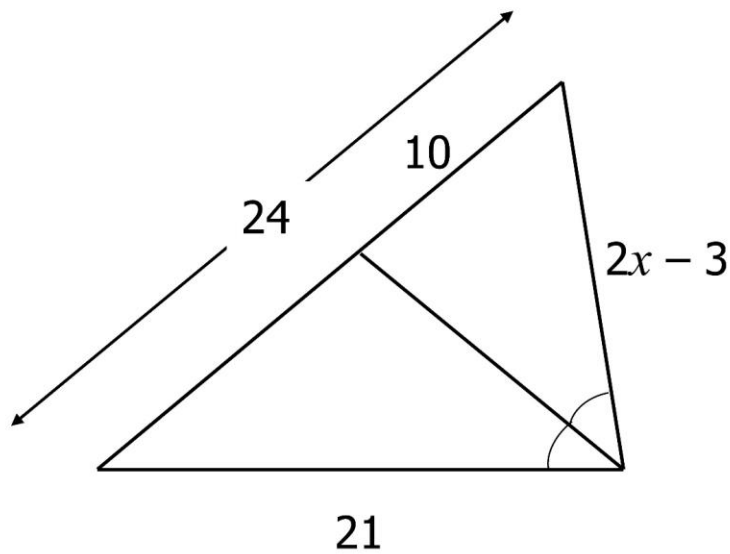
If the triangles below are similar, find the perimeter of triangle FGH .



- A) 166
- B) 192
- C) 160
- D) 188
- E) 175

10

Solve for x in the triangle below:



- A) 8
- B) 10
- C) 12
- D) 9
- E) 13