Geometry

Segment Addition Postulate Practice

Find the length indicated.

1) Find $EF$

2) Find $ST$

3) Find $QR$

4) Find $HJ$
Points A, B, and C are collinear. Point B is between A and C. Sketch the figure. Solve for x. Find the length indicated.

5) \( AC = x + 22, \ AB = 2x + 20, \) and \( BC = 11. \) Find \( AC. \)

6) Find \( BC \) if \( AB = 11x + 1, \ BC = 3x + 1, \) and \( AC = 16. \)

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**Solve for \( x \) and then find the perimeter of each rectangle.**

1)

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\text{Perimeter} = \]

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x = \]

2)

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\text{Perimeter} = \]

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x = \]