

Factor each expression. If the expression cannot be factored, write *cannot be factored*.

1.  $15x + 10$

2.  $7x - 3$

3.  $6x + 9$

4.  $30x - 25$

5.  $13x + 14$

6.  $50x - 75$

7.  $24x - 18$

8.  $18x + 13$

9.  $16x - 12$

10.  $36x + 45$

11. A square picture frame has a perimeter of  $(20x + 32)$  inches. What is the length of one side of the picture frame?

12. The rectangle shown below has a total area of  $(4x + 36)$  square feet. Factor  $4x + 36$ .

