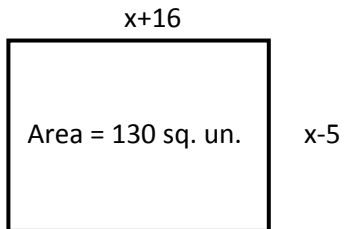


Quiz 34.2

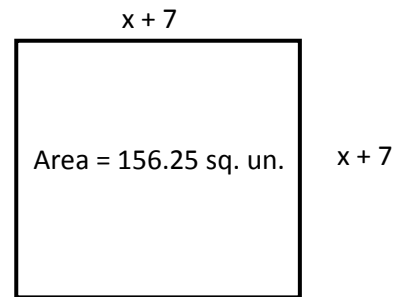
Solve each figure for the variable given.

1)



- a) $x = 9$
- b) $x = 10$
- c) $x = 11$
- d) $x = 12$

2)



- a) $x = 2.5$
- b) $x = 3.5$
- c) $x = 4.5$
- d) $x = 5.5$

Factor each completely.

3. $n^2 + 4n - 21$

- A) $(n - 3)(n + 7)$
- B) $(n + 6)(n + 2)$
- C) $(n + 3)(n + 10)$
- D) $(n - 3)(n - 7)$

4. $n^2 + 4n + 3$

- A) $(n + 1)(n - 3)$
- B) Not factorable
- C) $(n - 1)(n + 3)$
- D) $(n + 1)(n + 3)$