

Show work!

1) $-9 + 9n + 12 = -42$

2) $-7(3k - 6) - 5k = 120$

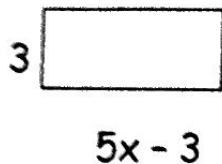
3) $-4f - (2f + 7) = 53$

4) $-2(4x + 6) = -92$

5) Find 3 consecutive even integers whose sum is -174.

6) Ben and Jerry went fishing. Ben caught 8 more fish than Jerry. If together they caught 34 fish, how many did each boy catch?

7) The perimeter of a rectangle is 40 inches. The length is 2 more than double the width. Find the length and width of the rectangle.

8) Find x if the area of the rectangle is 66 inches squared.

9) Find the lengths of the triangle below if the perimeter is 40 inches.

