

Name: _____ Date: _____ Period: _____

TRANSLATING EQUATIONS – HOMEWORK**Directions:** Translate each word problem and solve.

1) Two more than five times a number is 77. Find the number.	2) Nine less than seven times Kayla's weekly allowance is 75. Find Kayla's weekly allowance.
3) Eighteen pounds increased by twice baby John's weight is 40 pounds. Find his weight.	4) The sum of two numbers is 110. The larger number is 2 less than 7 times the smaller. Find the larger number.
5) The sum of Luca and Gabe's score in Mario Kart is 172. Luca's score is 8 less than 5 times the score of Gabe. Find Luca and Gabe's score.	6) Jack's bowling score was 20 less than twice Jill's score. The sum of their scores was 205. Find the two scores.
7) Together, a necklace and bracelet cost \$192. Find the price of each, if the necklace costs 3 times as much as the bracelet.	8) The first of two films lasted 3 minutes less than twice as long as the second. Together the two films lasted 132 minutes. How long was the first film?
9) Kate cut a 100-foot rope into two pieces. One piece was 5 feet longer than 4 times the length of the other. Find the length of each piece.	10) A pair of snowboard and a set of bindings together cost \$494. Find the price of each is the snowboard costs \$10 less than 6 times as much as the bindings.

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CONSECUTIVE INTEGER WORD PROBLEMS – HOMEWORK

1) Two consecutive integers have a sum of 77. What are the two integers?	2) The sum of two consecutive integers is 41. What are the two integers?
3) The sum of two consecutive integers is 41. What are the two integers?	4) Name four consecutive integers who have a sum of 86.
5) Two consecutive even integers have a sum of 38. What are the two integers?	6) What two consecutive integers have a sum of 47?
7) What two consecutive odd integers have a sum of 48?	8) Two negative consecutive integers have a sum of -45. What are the integers?
9) The sum of two consecutive integers is 75. What are the two integers?	10) What three consecutive integers have a sum of 81?