Name:

Multiplying by 2 digit numbers

Question 1 *A factory makes 256 engines a day.* *How many engines will it make in 28 days?*	
Question 2 *A stadium has 32 sections of 1256 seats.* *What is the seating capacity of the stadium?*	
Question 3 *Michael finally paid off his loan for his house.* *There were 120 monthly payments of $1278.* *What was the total amount he paid?*	
Question 4 *Conner purchased all the golf balls for the tournament.* *There were 62 boxes of 16 balls.* *How many balls in total were there?*	
Question 5 *Calculate the area of a rectangular park.* *It measures 86m x 128m.*	
Question 6 *Sommer purchased 18 washing machines for a hotel.* *If each machine cost $493, what was their total cost?*	
Question 7 *Bill drives a taxi.* *He fills it up twice a day with 63L of petrol.* *How much petrol does Bill use in February? (28 days)*	
Question 8 *Jamie's orange grove has 78 rows of trees.* *If there are 69 trees in each row, how many trees in total has Jamie got?*	
Question 9 *It cost $153.45 for each student's uniform.* *If there are 123 students, what is total cost of the uniforms?*	
Question 10 *Janice is the purchasing officer for a big company.* *She bought 157 pairs of jeans at $36.55 each.* *What was the total cost or the jeans?*	

Multiplying by 2 digit numbers solutions

Question	Solution
Question 1 A factory makes 256 engines a day. How many engines will it make in 28 days?	**Solution** To calculate how many engines are made, multiply the number of engines the factory makes each day by the number of days. 256 x 28 = *7168*
Question 2 A stadium has 32 sections of 1256 seats. What is the seating capacity of the stadium?	**Solution** To calculate the seating capacity, multiply the number of seats in one section by the number of sections. 32 x 1256 = *40,192*
Question 3 Michael finally paid off his loan for his house. There were 120 monthly payments of $1278. What was the total amount he paid?	**Solution** To calculate the total amount Michael paid, multiply the number of monthly payments by the amount of each payment. 120 x 1278 = *$153,360*
Question 4 Conner purchased all the golf balls for the tournament. There were 62 boxes of 16 balls. How many balls in total were there?	**Solution** To calculate number of golf balls Conner purchased, multiply the number of boxes he purchased by the number of balls in each box. 62 x 16 = *992*
Question 5 Calculate the area of a rectangular park. It measures 86m x 128m.	**Solution** To calculate the area of a rectangular park, multiply its length by its breadth. 86 x 128 = *11,008m²*
Question 6 Sommer purchased 18 washing machines for a hotel. If each machine cost $493, what was their total cost?	**Solution** To calculate the total cost of the washing machines that Sommer purchased, multiply the number of washing machines by the cost of each machine. 18 x $493 = *$8874*
Question 7 Bill drives a taxi. He fills it up twice a day with 63L of petrol. How much petrol does Bill use in February? (28 days)	**Solution** To calculate the amount of petrol Bill uses, multiply the amount of petrol by 28 days times 2. 63 x 28 x 2 = *3528L*
Question 8 Jamie's orange grove has 78 rows of trees. If there are 69 trees in each row, how many trees in total has Jamie got?	**Solution** To calculate the total amount of trees in Jamie's orange grove, multiply the number of trees in each row by the number of rows. 69 x 78 = *5382*
Question 9 It cost $153.45 for each student's uniform. If there are 123 students, what is total cost of the uniforms?	**Solution** To calculate the total cost of the uniforms, multiply the cost of one uniform by the number of students. $153.45 x 123 = *$18,874.35*
Question 10 Janice is the purchasing officer for a big company. She bought 157 pairs of jeans at $36.55 each. What was the total cost or the jeans?	**Solution** To calculate the total cost of the jeans Janice purchased, multiply the cost of each pair of jeans by the number of pairs of jeans that she purchased. $36.55 x 157 = *$5738.35*