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5.NBT.B.5 Practice Multiplying by Two Digits

5.NBT.B.5: Fluently multiply multi-digit whole numbers using the standard algorithm.

1. Find the product.

621 × 42	542 × 48	5,301 × 72	9,235 × 74	25,621 × 67
32,148 × 37	72,541 × 81	18,421 × 69	113,350 × 28	48,203 × 63

2. A basketball coach charges $28 per session to train a student how to play basketball. The coach had 1,215 sessions in a whole year. How much money did the coach make by teaching how to play basketball?

Answer:

3. Mrs. Hudson is planning to buy a farm lot that is 8,135 square yards. If each square yard costs $55, how much money will it cost Mrs. Hudson to buy the farm lot?

Answer:

4. Lyndon buys antique cars for $18,340 each car. He will repaint and repair them and then sell them at $22,450 each. If he has sold a total of 48 antique cars, how much profit did he make by buying and selling antique cars?

Answer:

5. On an island, free vaccines will be given to children ages 0 to 10. Each vaccine costs $15. If there are 65,432 children on the island, how much money is needed to administer the free vaccines to all children?

Answer:

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5.NBT.B.5 Practice Multiplying by Two Digits

Answer Key

5.NBT.B.5: Fluently multiply multi-digit whole numbers using the standard algorithm.

1. Find the product.

621 × 42 = 26,082	542 × 48 = 26,016	5,301 × 72 = 381,672	9,235 × 74 = 683,390	25,621 × 67 = 1,716,607
32,148 × 37 = 1,189,476	72,541 × 81 = 5,875,821	18,421 × 69 = 1,271,049	113,350 × 28 = 3,173,800	48,203 × 63 = 3,036,789

2. A basketball coach charges $28 per session to train a student how to play basketball. The coach had 1,215 sessions in a whole year. How much money did the coach make by teaching how to play basketball?

Answer:
$34,020

3. Mrs. Hudson is planning to buy a farm lot that is 8,135 square yards. If each square yard costs $55, how much money will it cost Mrs. Hudson to buy the farm lot?

Answer:
$447,425

4. Lyndon buys antique cars for $18,340 each car. He will repaint and repair them and then sell them at $22,450 each. If he has sold a total of 48 antique cars, how much profit did he make by buying and selling antique cars?

Answer:
$197,280

5. On an island, free vaccines will be given to children ages 0 to 10. Each vaccine costs $15. If there are 65,432 children on the island, how much money is needed to administer the free vaccines to all children?

Answer:
$981,480