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3.OA.A.3 Multiplying with 5 and 10

3.OA.A.3: Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

Read and solve the word problems below. Show your solution.

1. There are 5 wallets. If each wallet can contain 20 pcs of coins, how many pieces of coins are there in all?
Answer: _____

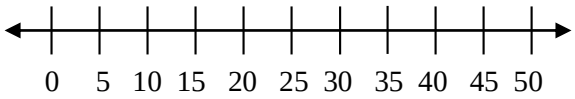
2. Each child has 3 toy guitars. If there are 10 children, how many toy guitars are there in all?
Answer: _____

3. Lyza exercises about 15 minutes per day. After the 10^{th} day, what is the total number of minutes Lyza spend on exercising?
Answer: _____

4. The chef ordered 6 pounds of a certain ingredient for his recipe. If each pound costs $10.00, how much will the chef pay?
Answer: _____

5. There are 8 competitors in a relay race at the town's sports fest. Each competitor will run 5 laps. How many laps long is the relay race?
Answer: _____

6. How can you use the number line to solve 4×10?



Answer:

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Answer Key

3.OA.A.3: Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

Read and solve the word problems below. Show your solution.

1. There are 5 wallets. If each wallet can contain 20 pcs of coins, how many pieces of coins are there in all?
Answer: $5 \times 20 = 100\ pcs$

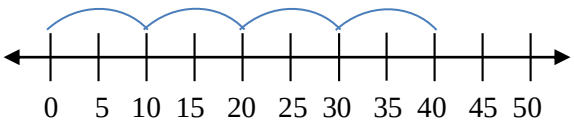
2. Each child has 3 toy guitars. If there are 10 children, how many toy guitars are there in all?
Answer: $3 \times 10 = 30\ toy\ guitars$

3. Lyza exercises about 15 minutes per day. After the 10th day, what is the total number of minutes Lyza spend on exercising?
Answer: $15 \times 10 = 150\ minutes$

4. The chef ordered 6 pounds of a certain ingredient for his recipe. If each pound costs $10.00, how much will the chef pay?
Answer: $6 \times \$10 = \$60$

5. There are 8 competitors in a relay race at the town's sports fest. Each competitor will run 5 laps. How many laps long is the relay race?
Answer: $8 \times 5 = 40\ laps$

6. How can you use the number line to solve 4×10?



Answer:

Start at 0 and then make 4 jumps of 10 spaces each.

$4 \times 10 = 40$ (Think: 10, 20, 30, 40)