

3.OA.A.3 Multiplying by 2

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.

Use the table on the right to answer the questions that follow. Show your solution.

1. How many exams did Joy pass?

Answer: _____ exams

2. How many exams did Jay pass?

Answer: _____ exams

3. How many exams did Joy and Jean pass in all?

Answer: _____ exams

Exams Passed	
Names	Number of Exams
Joy	☆☆☆
Jean	☆☆☆☆☆
Jay	☆☆☆☆☆☆
Key: Each ☆ = 2 exams	

Answer the word problems below. Show your solution.

4. There are 7 mark cards. Each card has 2 yellow star marks and 4 green star marks. How many star marks are there in all?

Answer: _____

5. I saw 10 pigs in the piggery. How many ears do I see in all?

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.

Use the table on the right to answer the questions that follow. Show your solution.

1. How many exams did Joy pass?

Answer: $3 \times 2 = 6$ exams

2. How many exams did Jay pass?

Answer: $6 \times 2 = 12$ exams

3. How many exams did Joy and Jean pass in all?

Answer: $8 \times 2 = 16$ exams

Exams Passed	
Names	Number of Exams
Joy	☆☆☆
Jean	☆☆☆☆☆☆
Jay	☆☆☆☆☆☆☆☆
Key: Each ☆ = 2 exams	

Answer the word problems below. Show your solution.

4. There are 7 mark cards. Each card has 2 yellow star marks and 4 green star marks. How many star marks are there in all?

Answer: $7 \times 6 = 42$ stars

5. I saw 10 pigs in the piggery. How many ears do I see in all?

Answer: $10 \times 2 = 20$ ears