Name:_____ Date:_____

Instructions

Solve each word problem using multiplication. Show your work and write the answer in a complete sentence. Hint: Some of the problems are of the form $3 \times 2 = ?$, while others are $3 \times ? = 6$.

Example

Problem: There are 3 bags with 6 plums in each bag. How many plums are there in all?

$$3 \text{ bags} \times 6 \text{ plums per bag} = 18 \text{ plums}$$

Answer: There are 18 plums in all.

1. You need 3 lengths of string, each 6 inches long. How much string will you need altogether?

2. There are 3 rows of apples with 6 apples in each row. How many apples are there?

3. What is the area of a 3 cm by 6 cm rectangle?

4. A blue hat costs $6. A red hat costs 3 times as much as the blue hat. How much does the red hat cost?

5. A rubber band is 6 cm long. How long will the rubber band be when it is stretched to be 3 times as long?

6. There are 5 bags with 4 plums in each bag. How many plums are there in all?

7. You need 7 lengths of ribbon, each 8 inches long. How much ribbon will you need altogether?

8. There are 4 rows of oranges with 9 oranges in each row. How many oranges are there?

9. What is the area of a 5 cm by 7 cm rectangle?

10. A green shirt costs $12. A blue shirt costs 2 times as much as the green shirt. How much does the blue shirt cost?

11. A garden has 42 flowers arranged in 6 equal rows. How many flowers are in each row?

12. There are 7 children, and each child needs 4 colored pencils. How many colored pencils are needed in total?

13. A recipe requires 8 cups of flour to make 4 loaves of bread. How many cups of flour are needed for each loaf?

14. There are 9 shelves in a bookcase with 5 books on each shelf. How many books are there in total?

15. If a book has 36 pages and each chapter has 4 pages, how many chapters are in the book?

16. There are 6 baskets with 7 peaches in each basket. How many peaches are there in all?

17. You need 8 pieces of wire, each 5 inches long. How much wire will you need altogether?

18. There are 7 rows of strawberries with 6 strawberries in each row. How many strawberries are there?

19. What is the area of a 8 cm by 4 cm rectangle?

20. A small toy costs $5. A large toy costs 6 times as much as the small toy. How much does the large toy cost?