Name: _____ Date: _____

Factor pairs

Write the answer in the box. Some answers have a pick list.



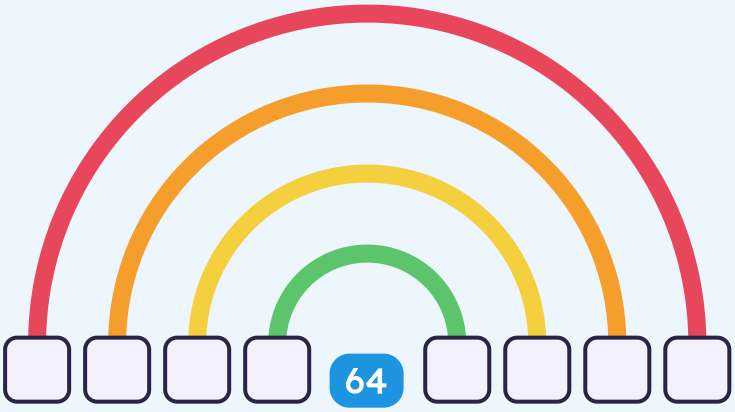
1 Give every positive factor pair of 16 once. Include the pair with two equal factors. Write the smaller factor first when the factors differ.

💡 Hint: Find two numbers that multiply to make it. Start with 1 × the number.



2 Give every positive factor pair of 64 once. Include the pair with two equal factors. Write the smaller factor first when the factors differ.

💡 Hint: Find two numbers that multiply to make it. Start with 1 × the number.



3 Use all 12 tiles. How many different filled rectangles can you make if a turned rectangle counts as the same rectangle?

💡 Hint: Find two numbers that multiply to make it. Start with 1 × the number.

_____

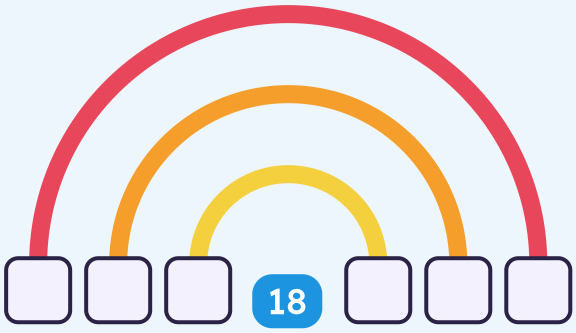
4 In the factor pair (3, ___) of 18, what number pairs with 3?

💡 Hint: Find two numbers that multiply to make it. Start with 1 × the number.

_____

5 Complete the factor rainbow for 18. Give all positive factor pairs, using the smaller factor first in each pair.

💡 Hint: Find two numbers that multiply to make it. Start with 1 × the number.



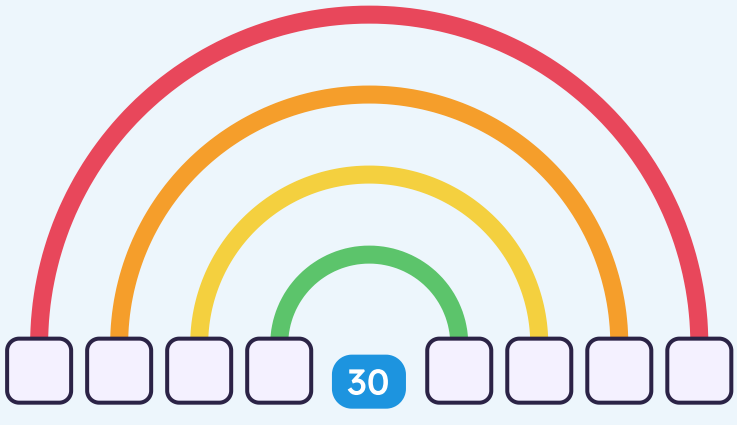
6 Use all 48 tiles. How many different filled rectangles can you make if a turned rectangle counts as the same rectangle?

💡 Hint: Find two numbers that multiply to make it. Start with 1 × the number.

_____

7 Complete the factor rainbow for 30. Give all positive factor pairs, using the smaller factor first in each pair.

💡 Hint: Find two numbers that multiply to make it. Start with 1 × the number.



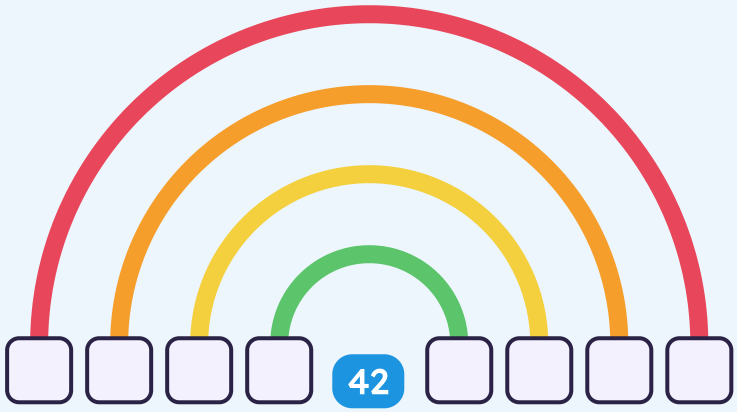
8 In the factor pair (4, ___) of 28, what number pairs with 4?

💡 Hint: Find two numbers that multiply to make it. Start with 1 × the number.

_____

9 Complete the factor rainbow for 42. Give all positive factor pairs, using the smaller factor first in each pair.

💡 Hint: Find two numbers that multiply to make it. Start with 1 × the number.



10 In the factor pair (7, ___) of 70, what number pairs with 7?

💡 Hint: Find two numbers that multiply to make it. Start with 1 × the number.

_____