

Multiplication and division

Bronze		Silver		Gold	
<input type="text"/> x 3 = 9	9 ÷ 3 = <input type="text"/>	<input type="text"/> x 3 = 21	21 ÷ 3 = <input type="text"/>	<input type="text"/> x 3 = 36	36 ÷ 3 = <input type="text"/>
<input type="text"/> x 10 = 20	20 ÷ 10 = <input type="text"/>	<input type="text"/> x 10 = 100	100 ÷ 10 = <input type="text"/>	<input type="text"/> x 10 = 90	90 ÷ 10 = <input type="text"/>
<input type="text"/> x 2 = 8	8 ÷ 2 = <input type="text"/>	<input type="text"/> x 2 = 16	16 ÷ 2 = <input type="text"/>	<input type="text"/> x 2 = 22	22 ÷ 2 = <input type="text"/>
<input type="text"/> x 4 = 16	16 ÷ 4 = <input type="text"/>	<input type="text"/> x 4 = 20	20 ÷ 4 = <input type="text"/>	<input type="text"/> x 4 = 36	36 ÷ 4 = <input type="text"/>
<input type="text"/> x 5 = 25	25 ÷ 5 = <input type="text"/>	<input type="text"/> x 5 = 45	45 ÷ 5 = <input type="text"/>	<input type="text"/> x 5 = 35	35 ÷ 5 = <input type="text"/>
<input type="text"/> x 3 = 18	18 ÷ 3 = <input type="text"/>	<input type="text"/> x 3 = 33	33 ÷ 3 = <input type="text"/>	<input type="text"/> x 3 = 27	27 ÷ 3 = <input type="text"/>
<input type="text"/> x 5 = 15	15 ÷ 5 = <input type="text"/>	<input type="text"/> x 5 = 30	30 ÷ 5 = <input type="text"/>	<input type="text"/> x 5 = 60	60 ÷ 5 = <input type="text"/>
<input type="text"/> x 2 = 14	14 ÷ 2 = <input type="text"/>	<input type="text"/> x 2 = 24	24 ÷ 3 = <input type="text"/>	<input type="text"/> x 2 = 18	18 ÷ 2 = <input type="text"/>
<input type="text"/> x 10 = 40	40 ÷ 10 = <input type="text"/>	<input type="text"/> x 10 = 70	70 ÷ 10 = <input type="text"/>	<input type="text"/> x 10 = 110	110 ÷ 10 = <input type="text"/>
<input type="text"/> x 4 = 24	24 ÷ 4 = <input type="text"/>	<input type="text"/> x 4 = 36	36 ÷ 4 = <input type="text"/>	<input type="text"/> x 4 = 48	48 ÷ 4 = <input type="text"/>

Challenge

How many different arrays can you create from 48 chairs? Record the multiplication and related division sentences for each.