Three Numbers

I can add three 1-digit numbers.

Work with a partner and discuss the best ways to add these numbers.

You could change the order of the numbers or add known facts first!

1. 9 + 3 + 7 =

2. 6 + 3 + 6 =

3. 6 + 7 + 4 =

4. 8 + 5 + 5 =

5. 9 + 6 + 1 =

Now find as many ways as you can to make 9 by adding 3 numbers together. Can you find a pattern?

Answers

Work with a partner and discuss the best ways to add these numbers.

You could change the order of the numbers or add known facts first!

1. 9 + 3 + 7 = **7 + 3 + 9 = 19**

2. 6 + 3 + 6 = **6 + 6 + 3 = 15**

3. 6 + 7 + 4 = **6 + 4 + 7 = 17**

4. 8 + 5 + 5 = **5 + 5 + 8 = 18**

5. 9 + 6 + 1 = **9 + 1 + 6 = 16**

Now find as many ways as you can to make 9 by adding 3 numbers together.
Can you find a pattern?

0 + 0 + 9	2 + 2 + 5
0 + 1 + 8	2 + 3 + 4
0 + 2 + 7	3 + 3 + 3
0 + 3 + 6	
0 + 4 + 5	
1 + 1 + 7	
1 + 2 + 6	
1 + 3 + 5	
1 + 4 + 4	

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1. 9 + 3 + 9 =

2. 6 + 8 + 6 =

3. 6 + 7 + 8 =

4. 9 + 5 + 4 =

5. 8 + 6 + 9 =

Now find as many ways as you can to make 11 by adding 3 numbers together. Try to find a pattern.

Answers

Work with a partner and discuss the best ways to add these numbers.

You could change the order of the numbers or add known facts first!

1. 9 + 3 + 9 = **9 + 9 + 3 = 21**
2. 6 + 8 + 6 = **6 + 6 + 8 = 20**
3. 6 + 7 + 8 = **21 (near doubles, e.g. 6 + 6 + 9)**
4. 9 + 5 + 4 = **18 (near doubles, e.g. 5 + 5 + 8)**
5. 8 + 6 + 9 = **23 (near doubles, e.g. 8 + 8 + 7)**

Now find as many ways as you can to make 11 by adding 3 numbers together. Try to find a pattern.

0 + 0 + 11	1 + 4 + 6
0 + 1 + 10	1 + 5 + 5
0 + 2 + 9	2 + 2 + 7
0 + 3 + 8	2 + 3 + 6
0 + 4 + 7	2 + 4 + 5
0 + 5 + 6	3 + 3 + 5
1 + 1 + 9	3 + 4 + 4
1 + 2 + 8	
1 + 3 + 7	

Three Numbers

I can add three 1-digit numbers.

Work with a partner and discuss the best ways to add these numbers.

You could change the order of the numbers or add known facts first!

1. 4 + 8 + 4 =

2. 5 + 6 + 7 =

3. 9 + 5 + 8 =

4. 6 + 7 + 7 =

5. 7 + 5 + 9 =

Now find as many ways as you can to make 14 by adding 3 numbers together. Try to find a pattern.

Answers

I can add three 1-digit numbers.

Work with a partner and discuss the best ways to add these numbers.

You could change the order of the numbers or add known facts first!

1. $4 + 8 + 4 =$ **$4 + 4 + 8 = 16$**

2. $5 + 6 + 7 =$ **18 (near doubles, e.g. $5 + 5 + 8$)**

3. $9 + 5 + 8 =$ **22 (near doubles, e.g. $9 + 9 + 4$)**

4. $6 + 7 + 7 =$ **$7 + 7 + 6 = 20$**

5. $7 + 5 + 9 =$ **$9 + 7 + 5 = 21$**

Now find as many ways as you can to make 14 by adding 3 numbers together. Try to find a pattern.

$0 + 0 + 14$	$1 + 3 + 10$	$3 + 4 + 7$
$0 + 1 + 13$	$1 + 4 + 9$	$3 + 5 + 6$
$0 + 2 + 12$	$1 + 5 + 8$	$4 + 4 + 6$
$0 + 3 + 11$	$1 + 6 + 7$	$4 + 5 + 5$
$0 + 4 + 10$	$2 + 2 + 10$	
$0 + 5 + 9$	$2 + 3 + 9$	
$0 + 6 + 8$	$2 + 4 + 8$	
$0 + 7 + 7$	$2 + 5 + 7$	
$1 + 1 + 12$	$2 + 6 + 6$	
$1 + 2 + 11$	$3 + 3 + 8$	