





















# Place Value Code Breaker






									
<b>3</b>	<b>1</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>8</b>	<b>7</b>	<b>2</b>	<b>9</b>

What is the number						rounded to the nearest 10?
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Answer: \_\_\_\_\_

What is the number						rounded to the nearest 100?
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Answer: \_\_\_\_\_

What is the number						rounded to the nearest 1000?
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Answer: \_\_\_\_\_

What is the number					written in Roman numerals?
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Answer: \_\_\_\_\_

What is the number					written in Roman numerals?
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Answer: \_\_\_\_\_

What is the number					written in Roman numerals?
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Answer: \_\_\_\_\_

# Calculations Code Breaker

Solve the calculations and use the code breaker to spell out a summer-themed joke. The joke will read down the tables.

A	B	C	D	E	F	G	H	I	J	K	L	M
6	15	21	5	13	24	18	7	12	1	25	19	9
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
22	16	11	26	2	17	20	3	10	8	14	23	4

	Answer	Letter
$\frac{2}{5}$ of 20		
$\frac{1}{7}$ of 49		
$\frac{1}{2}$ of 46		

	Answer	Letter
$\frac{1}{6}$ of 30		
$\frac{4}{5}$ of 20		

	Answer	Letter
$\frac{5}{6}$ of 18		
$\frac{2}{6}$ of 18		
$\frac{2}{3}$ of 33		
$\frac{1}{4}$ of 24		
$\frac{1}{2}$ of 44		
$\frac{1}{5}$ of 30		
$\frac{1}{2}$ of 34		

	Answer	Letter
$\frac{1}{8}$ of 24		
$\frac{1}{3}$ of 51		
$\frac{1}{3}$ of 39		

	Answer	Letter
$\frac{1}{4}$ of 68		
$\frac{1}{5}$ of 15		
$\frac{2}{5}$ of 55		

	Answer	Letter
$\frac{1}{2}$ of 42		
$\frac{1}{10}$ of 20		
$\frac{1}{4}$ of 52		
$\frac{1}{9}$ of 54		
$\frac{3}{5}$ of 15		?

	Answer	Letter
$\frac{1}{2}$ of 30		
$\frac{1}{8}$ of 104		
$\frac{1}{3}$ of 63		
$\frac{1}{2}$ of 12		
$\frac{1}{3}$ of 9		
$\frac{1}{5}$ of 85		
$\frac{1}{5}$ of 65		

	Answer	Letter
$\frac{2}{3}$ of 30		
$\frac{1}{3}$ of 21		
$\frac{1}{3}$ of 39		
$\frac{1}{2}$ of 46		

	Answer	Letter
$\frac{1}{3}$ of 33		
$\frac{1}{4}$ of 52		
$\frac{1}{8}$ of 104		
$\frac{1}{2}$ of 38		

# Summertime Addition and Subtraction Maths Mosaic

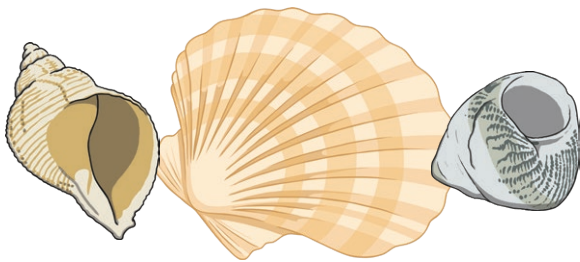
Solve the calculations to reveal the hidden picture. Each answer has a special colour.

**green** = 7200 | **pink** = 7500 | **black** = 7800 | **blue** = 8100 | **yellow** = 8400

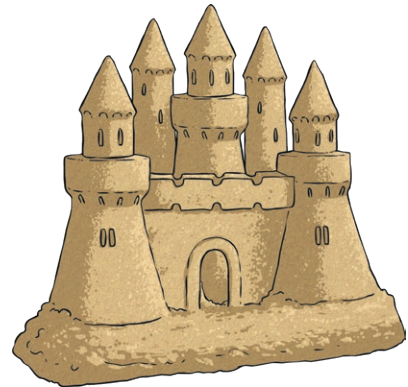
2650 + 5450	9972 - 1872	1788 + 6612	5589 + 2811	8369 + 31	9959 - 1559	1528 + 6872	757 + 7343	7619 + 481
2107 + 5993	6475 + 1925	4660 + 3740	2461 + 5939	8417 - 17	958 + 7442	6194 + 2206	9859 - 1459	9526 - 1426
5959 + 1841	8263 - 463	1171 + 6629	715 + 7085	4865 + 2935	3101 + 4699	5518 + 2282	1036 + 6764	4399 + 3401
9584 - 1184	7554 + 246	6999 + 801	677 + 7123	5590 + 2810	8688 - 888	9892 - 2092	333 + 7467	9860 - 1460
4334 + 4066	1577 + 6823	1920 + 5880	1787 + 6613	5588 + 2812	8370 + 30	8360 - 560	4335 + 4065	1576 + 6824
9270 - 870	7308 + 1092	3886 + 4514	8703 - 303	6238 + 2162	7083 + 1317	3591 + 4809	1162 + 7238	4200 + 4200
7787 + 613	7787 + 613	3886 + 4514	8703 - 303	7308 + 1092	7787 + 613	3073 + 5327	7456 + 944	6726 + 1674
3979 + 4421	8434 - 34	5927 + 1573	5124 + 2376	6329 + 1171	8233 - 733	8899 - 1399	3980 + 4420	9335 - 935
6967 + 233	3887 + 4513	8704 - 304	1042 + 6458	1964 + 5536	8825 - 1325	5589 + 2811	8360 + 40	2546 + 4654
1827 + 5373	658 + 6542	6475 + 1925	4660 + 3740	2461 + 5939	8417 - 17	958 + 7442	3043 + 4157	4380 + 2820

# Summer Number Puzzles

I collect some shells on the beach.  
I multiply the number of shells I have by 7.  
I then subtract 7,  
multiply by 9,  
and divide by 2.  
I end with the number 1953.  
How many shells did I collect?



I decorate my sandcastle with flags.  
I multiply the number of flags I use by 26.  
I then add 132,  
multiply by 4,  
and divide by 10.  
I end with the number 344.  
How many flags did I use to decorate my sandcastle?




I practise cartwheels on the sand.  
I multiply the number of cartwheels I do by 38.  
I then subtract 83,  
multiply by 100,  
and divide by 4.  
I end with the number 19 775.  
How many cartwheels did I do?



# Adding and Subtracting Fractions Board Game

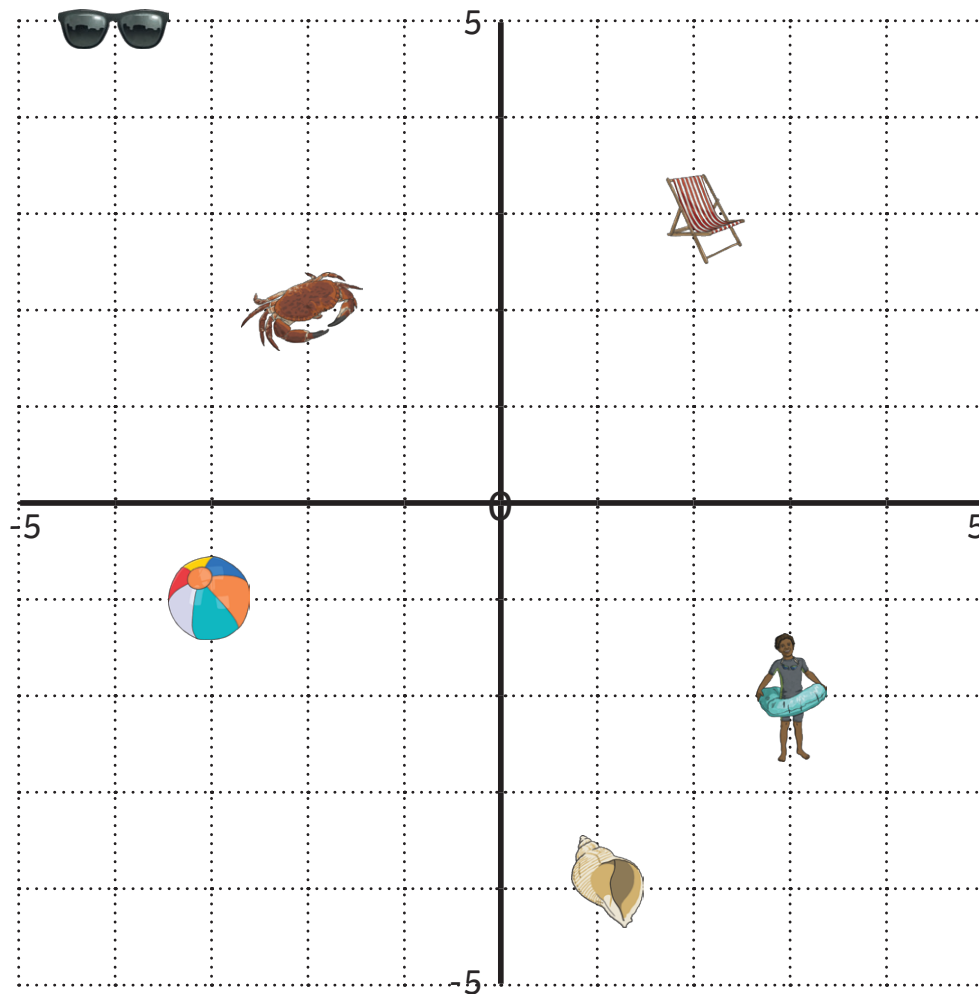
## Instructions


- Each player must choose a space to start from and place their counter on it.
- The first player rolls the dice and moves their counter clockwise.
- They must answer the question in that square, find the answer on the correct shell and cover it over.
- The next player will take their turn.
- If a player lands on a square where the answer has already been covered, they must miss a go.
- The winner is the player who has covered the most shells.

$\frac{2}{8} + \frac{1}{3}$	$1\frac{3}{9} - \frac{2}{5}$	$\frac{2}{3} + \frac{6}{9}$	$1\frac{9}{10} - \frac{2}{3}$	$\frac{1}{2} + \frac{2}{3}$	
$\frac{2}{10} + \frac{3}{5}$					$1\frac{1}{8} - \frac{5}{6}$
$\frac{2}{8} + \frac{1}{2}$	$1\frac{1}{4}$	$\frac{14}{15}$	$\frac{8}{9}$	$\frac{3}{4}$	$\frac{1}{2} + \frac{7}{8}$
$1\frac{4}{10} - \frac{1}{3}$	$1\frac{1}{5}$	$1\frac{1}{6}$	$\frac{4}{5}$	$\frac{11}{12}$	$1\frac{5}{12} - \frac{1}{2}$
$\frac{4}{10} + \frac{4}{5}$	$1\frac{1}{3}$	$1\frac{7}{30}$	$1\frac{1}{15}$	$\frac{5}{6}$	$\frac{2}{6} + \frac{5}{9}$
$\frac{4}{10} + \frac{4}{5}$	$1\frac{1}{2} - \frac{1}{4}$	$\frac{1}{6} + \frac{8}{12}$	$1\frac{3}{4} - \frac{2}{3}$	$\frac{2}{6} + \frac{5}{9}$	

# Summer-Themed Coordinate Translations

Write the coordinates of the summer-themed objects. Translate them and write the new coordinates.



Object	Starting Coordinate	Translation	Finishing Coordinate
		Right 4, Up 6	
		Right 5, Down 7	
		Left 4, Down 3	
		Left 1, Up 2	
		Right 3, Down 1	
		Right 1, Up 2	