

Worksheet 6

Remember, to check with the inverse, we work backwards.  
Mark these calculations using the inverse to find out if they are correct.

	Calculation	Check with Inverse	Correct?
e.g	$\begin{array}{r} 555 \\ - 278 \\ \hline 277 \end{array}$	$277 + 278 = 555$	Wrong
1	$\begin{array}{r} 87 \\ + 446 \\ \hline 459 \end{array}$	$\begin{array}{r} 459 \\ - 466 \\ \hline 13 \end{array}$	Wrong
2	$\begin{array}{r} 144 \\ - 75 \\ \hline 69 \end{array}$	$\begin{array}{r} 69 \\ + 75 \\ \hline 144 \end{array}$	Correct
3	$\begin{array}{r} 367 \\ + 459 \\ \hline 826 \end{array}$	$\begin{array}{r} 826 \\ - 459 \\ \hline 367 \end{array}$	Wrong
4	$\begin{array}{r} 674 \\ - 596 \\ \hline 182 \end{array}$	$\begin{array}{r} 182 \\ + 596 \\ \hline 778 \end{array}$	Wrong
5	$\begin{array}{r} 286 \\ + 1378 \\ \hline 1662 \end{array}$	$\begin{array}{r} 1662 \\ - 1378 \\ \hline 284 \end{array}$	Wrong
6	$\begin{array}{r} 1342 \\ - 468 \\ \hline 942 \end{array}$	$\begin{array}{r} 942 \\ + 468 \\ \hline 1410 \end{array}$	Wrong
7	$\begin{array}{r} 2786 \\ + 1512 \\ \hline 4299 \end{array}$	$\begin{array}{r} 4299 \\ - 1512 \\ \hline 2787 \end{array}$	Wrong
8	$\begin{array}{r} 2457 \\ - 1687 \\ \hline 770 \end{array}$	$\begin{array}{r} 770 \\ + 1687 \\ \hline 2457 \end{array}$	Correct

Worksheet 7

1.	2.	3.
8 6	4 4	7 2
×	×	×
5 1 6	3 5 2	6 4 8
3	3	1
4.	5.	6.
6 9	7 8	8 3
×	×	×
4 1 4	5 4 6	7 4 7
5	5	2
7.	8.	9.
9 4	8 2	9 9
×	×	×
7 5 2	4 9 2	3 9 6
3	1	3

1.	2.	3.
20 r 1	32 r 1	44 r 3
2 4 1	8 2 5 17	9 3 9 3 9
4.	5.	6.
42 r 4	77 r 6	96 r 3
5 2 21 14	7 5 5 4 55	9 8 8 6 57

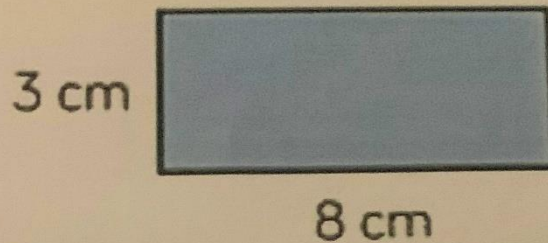


Worksheet 8

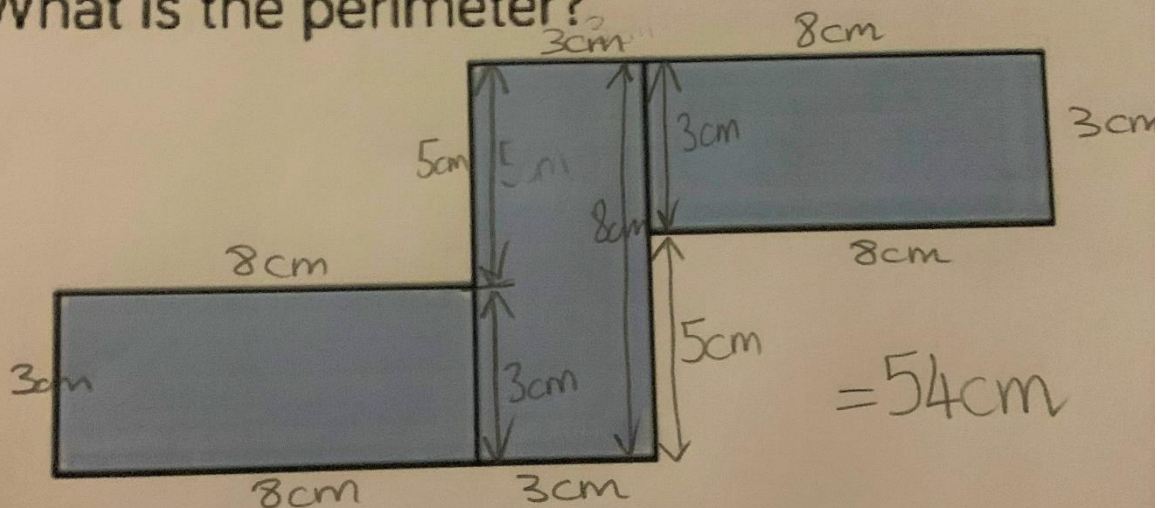
$3 \times 1$	$16 \times 4$	$3 \times 6$	$18 \times 4$	$9 \times 8$	$24 \times 1$	$21 \times 4$	$4 \times 18$	$4 \times 1$
$12 \times 6$	$2 \times 3$	$4 \times 3$	$14 \times 3$	$3 \times 8$	$6 \times 7$	$11 \times 3$	$6 \times 2$	$3 \times 3$
$16 \times 3$	$3 \times 5$	$3 \times 11$	$3 \times 18$	$4 \times 4$	$9 \times 7$	$9 \times 7$	$9 \times 4$	$12 \times 4$
$3 \times 21$	$4 \times 12$	$4 \times 11$	$6 \times 1$	$12 \times 7$	$3 \times 2$	$32 \times 3$	$1 \times 6$	$21 \times 3$
$2 \times 6$	$6 \times 8$	$9 \times 6$	$7 \times 9$	$14 \times 6$	$18 \times 3$	$3 \times 16$	$3 \times 4$	$8 \times 6$
$6 \times 4$	$3 \times 7$	$10 \times 3$	$6 \times 5$	$7 \times 4$	$4 \times 10$	$6 \times 5$	$3 \times 10$	$4 \times 6$
$4 \times 15$	$15 \times 4$	$3 \times 12$	$5 \times 4$	$8 \times 2$	$5 \times 7$	$9 \times 3$	$20 \times 3$	$4 \times 5$
$20 \times 3$	$10 \times 6$	$5 \times 6$	$10 \times 4$	$7 \times 6$	$7 \times 3$	$2 \times 4$	$15 \times 4$	$10 \times 4$
$8 \times 8$	$5 \times 8$	$4 \times 2$	$4 \times 5$	$3 \times 14$	$6 \times 5$	$5 \times 8$	$3 \times 20$	$1 \times 3$
$8 \times 3$	$8 \times 9$	$3 \times 10$	$7 \times 5$	$3 \times 24$	$6 \times 10$	$8 \times 5$	$6 \times 12$	$8 \times 4$

Worksheet 9

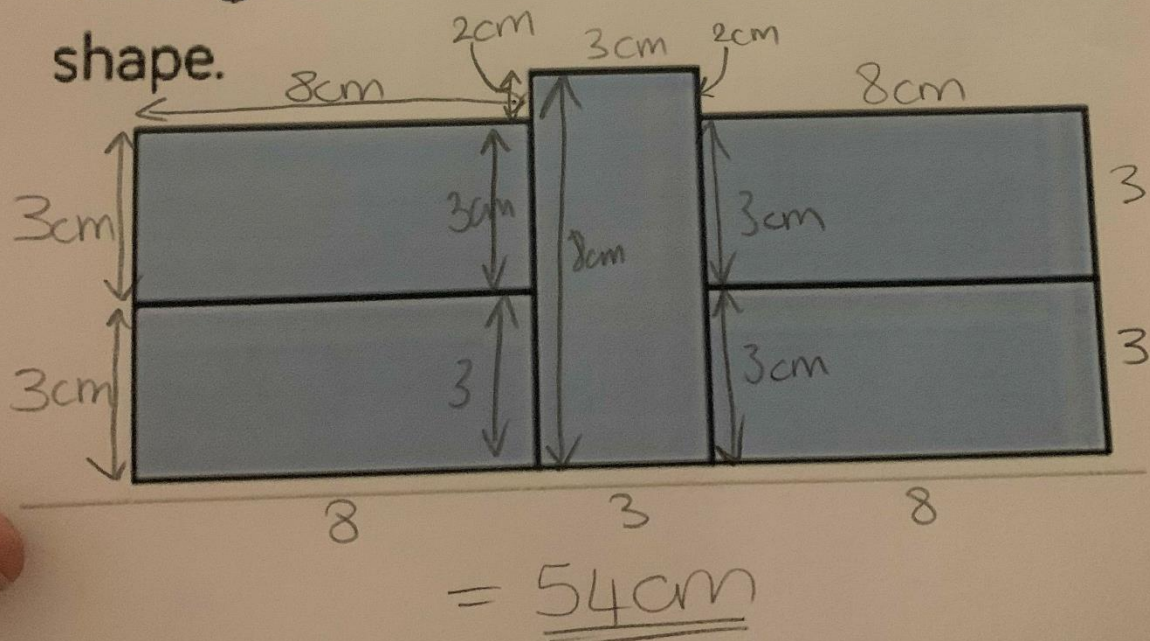
Amir has some rectangles all the same size.



He makes this shape using his rectangles. What is the perimeter?



He makes another shape using the same rectangles. Calculate the perimeter of this shape.



Worksheet 10

I started by listing the possible combinations for each number.

	<u>Possibilities</u>			
7	3+4	2+5	1+6	0+7
8	3+5	2+6	1+7	0+8
13	9+4	8+5	7+6	
14	9+5	8+6		
3	2+1	0+3		

Then I started with the highest number and the least combinations.

I crossed of the numbers until I had used them all. I found 3 solutions.

	<u>Possibilities</u>			
7	<u>3+4</u>	<u>2+5</u>	1+6	<u>0+7</u>
8	<u>3+5</u>	2+6	<u>1+7</u>	<u>0+8</u>
13	<u>9+4</u>	8+5	<u>7+6</u>	
14	<u>9+5</u>	<u>8+6</u>		
3	<u>2+1</u>	<u>0+3</u>		

