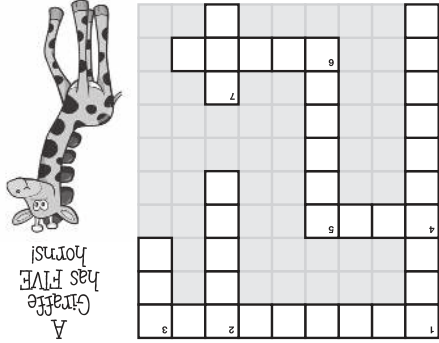


ACROSS:
 1) A 5-pointed star (4) 5 fingers and 5...? (6) A pentagon has 5 of these.
 5 of these.
DOWN:
 1) Athletics contest with 5 events (2) There are 5 of these in the Olympic symbol (3) The fifth month of the year (5) Taste is just one of these? (7) $2 \times 5 = ?$



USE YOUR MATHS WRAP TO LEARN SIX!

- 1, 2 and 3 make 6 whether you add them together or multiply them.
- King Henry VIII had six wives.
- Here's a cool mathematical trick...

Write down a three digit number whose digits are decreasing. Then reverse the digits to create a new number, and subtract this number from the original number.

The number you get is 1089!

e.g. if you start with 532 (three digits)

Subtract 532-235 to get 297.

Now add 297 and its reverse 792,

and you'll get 1089.

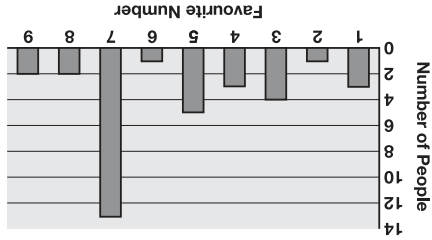


1	$1 \times 1 = 1$	$1 \times 1 = 1$
2	$2 \times 1 = 2$	$8 \times 1 = 8$
3	$3 \times 1 = 3$	$9 \times 1 = 9$
4	$4 \times 1 = 4$	$10 \times 1 = 10$
5	$5 \times 1 = 5$	$11 \times 1 = 11$
6	$6 \times 1 = 6$	$12 \times 1 = 12$
1	$2 \times 2 = 4$	$7 \times 2 = 14$
2	$3 \times 2 = 6$	$8 \times 2 = 16$
3	$4 \times 2 = 8$	$9 \times 2 = 18$
4	$5 \times 2 = 10$	$10 \times 2 = 20$
5	$6 \times 2 = 12$	$11 \times 2 = 22$
6	$7 \times 2 = 14$	$12 \times 2 = 24$
1	$3 \times 3 = 9$	$7 \times 3 = 21$
2	$4 \times 3 = 12$	$8 \times 3 = 24$
3	$5 \times 3 = 15$	$9 \times 3 = 27$
4	$6 \times 3 = 18$	$10 \times 3 = 30$
5	$7 \times 3 = 21$	$11 \times 3 = 33$
6	$8 \times 3 = 24$	$12 \times 3 = 36$

4	$1 \times 4 = 4$	$1 \times 4 = 4$
5	$2 \times 4 = 8$	$8 \times 4 = 32$
6	$3 \times 4 = 12$	$9 \times 4 = 36$
7	$4 \times 4 = 16$	$10 \times 4 = 40$
8	$5 \times 4 = 20$	$11 \times 4 = 44$
9	$6 \times 4 = 24$	$12 \times 4 = 48$
4	$1 \times 5 = 5$	$1 \times 5 = 5$
5	$2 \times 5 = 10$	$8 \times 5 = 40$
6	$3 \times 5 = 15$	$9 \times 5 = 45$
7	$4 \times 5 = 20$	$10 \times 5 = 50$
8	$5 \times 5 = 25$	$11 \times 5 = 55$
9	$6 \times 5 = 30$	$12 \times 5 = 60$
4	$1 \times 6 = 6$	$1 \times 6 = 6$
5	$2 \times 6 = 12$	$8 \times 6 = 48$
6	$3 \times 6 = 18$	$9 \times 6 = 54$
7	$4 \times 6 = 24$	$10 \times 6 = 60$
8	$5 \times 6 = 30$	$11 \times 6 = 66$
9	$6 \times 6 = 36$	$12 \times 6 = 72$

Don't forget, you can get hints, tips and a full demonstration on the Maths Wrap website: www.mathswrap.co.uk

7	$1 \times 7 = 7$	$1 \times 7 = 7$
8	$2 \times 7 = 14$	$8 \times 7 = 56$
9	$3 \times 7 = 21$	$9 \times 7 = 63$
10	$4 \times 7 = 28$	$10 \times 7 = 70$
11	$5 \times 7 = 35$	$11 \times 7 = 77$
12	$6 \times 7 = 42$	$12 \times 7 = 84$
7	$1 \times 8 = 8$	$1 \times 8 = 8$
8	$2 \times 8 = 16$	$8 \times 8 = 64$
9	$3 \times 8 = 24$	$9 \times 8 = 72$
10	$4 \times 8 = 32$	$10 \times 8 = 80$
11	$5 \times 8 = 40$	$11 \times 8 = 88$
12	$6 \times 8 = 48$	$12 \times 8 = 96$
7	$1 \times 9 = 9$	$1 \times 9 = 9$
8	$2 \times 9 = 18$	$8 \times 9 = 72$
9	$3 \times 9 = 27$	$9 \times 9 = 81$
10	$4 \times 9 = 36$	$10 \times 9 = 90$
11	$5 \times 9 = 45$	$11 \times 9 = 99$
12	$6 \times 9 = 54$	$12 \times 9 = 108$



Ask different people to give you any number between one and nine, and most will choose seven. Ask people to name their favourite number between one and ten, and again most will say seven.

Why not try a bar chart like this? Do you agree with our results? Send your results to mathswrap.co.uk - get your investigation published!

Maths Joke!
 Q: What did 0 say to 8?
 A: Nice belt!

There are three kinds of mathematicians... those who can count and those who can't.

- You can split a pie into 8 pieces with 3 straight cuts...how? (Go on, try it for yourself, but not with a real pie!)
- The Yuki people of Northern California, USA used the 8 spaces between their fingers to count and invented the octal system (we use the 10 fingered decimal).
- 8 is considered a lucky number in China.

$1 \times 8 + 1 = 9$

$12 \times 8 + 2 = 98$

$123 \times 8 + 3 = 987$

$1234 \times 8 + 4 = ?????$

$12345 \times 8 + 5 = ??????$

Can you work all these out?

Try going all the way to the end!



10	$1 \times 10 = 10$	$1 \times 10 = 10$
11	$2 \times 10 = 20$	$8 \times 10 = 80$
12	$3 \times 10 = 30$	$9 \times 10 = 90$
13	$4 \times 10 = 40$	$10 \times 10 = 100$
14	$5 \times 10 = 50$	$11 \times 10 = 110$
15	$6 \times 10 = 60$	$12 \times 10 = 120$
7	$1 \times 11 = 11$	$7 \times 11 = 77$
8	$2 \times 11 = 22$	$8 \times 11 = 88$
9	$3 \times 11 = 33$	$9 \times 11 = 99$
10	$4 \times 11 = 44$	$10 \times 11 = 110$
11	$5 \times 11 = 55$	$11 \times 11 = 121$
12	$6 \times 11 = 66$	$12 \times 11 = 132$
7	$1 \times 12 = 12$	$7 \times 12 = 84$
8	$2 \times 12 = 24$	$8 \times 12 = 96$
9	$3 \times 12 = 36$	$9 \times 12 = 108$
10	$4 \times 12 = 48$	$10 \times 12 = 120$
11	$5 \times 12 = 60$	$11 \times 12 = 132$
12	$6 \times 12 = 72$	$12 \times 12 = 144$