

Storm

*So you've got this far!
You've shown your times
tables talents, now can
you use your square,
cube, prime, factor and
multiple knowledge to
defeat the mighty Storm?*



$5^2 =$	
$9^2 =$	
$3^3 =$	
$10^2 =$	
$2^3 =$	
$8^2 =$	
$1^3 =$	
$6^2 =$	
$12^2 =$	
$2^2 =$	
$4^2 =$	
$10^3 =$	
$7^2 =$	
$\sqrt{64} =$	
$\sqrt{49} =$	
$12 \times 5 =$	

Complete the sets of factors for each of the numbers in the bold:

24 1, 2, 3, 4

48 1, 2,

50

32

12

Circle the numbers which are prime numbers:

5 13 9 4 1 10 6
2 7 8 3 11 17
12 14 16 15 18 19

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Circle the numbers which are multiples of the numbers in bold.

6	15 8 12 60 6 9 17 16 26 36 24 15 18
7	7 17 54 49 48 65 35 21 26 29 14 25
4	14 45 6 18 34 38 44 12 24 27 16
9	10 47 24 36 25 45 78 18 36 71 27 40
12	1 47 24 36 40 81 56 60 13 25 48 19
3	5 9 14 13 20 21 26 30 34 8 3 12 23 29
2	5 8 4 6 12 15 14 36 48 20 2 11 21 24
8	7 18 16 25 32 45 48 24 8 3 54 56 73

Storm is impressed! Keep going!

1. There were 28 pencils in a box, the children wanted to share them equally between three of them. Is this possible?
2. A square has sides which are 7cm long, what is its area?
3. 20 and 40 have several common factors, what are they?

Your time	
Time needed to beat Storm	4 minutes