



UNITED KINGDOM MATHEMATICS TRUST

CROSSNUMBER

- Time allowed: 20 minutes.
- Some clues can be answered without reference to any other clues. Some clues are connected so you may not be able to answer these straight away.
- *One* mark is given for each correct digit at the first time of being presented to your supervising teacher.
- There are two practice sheets containing the crossnumber clues, and one answer grid. Your final answers should be written on the answer grid.
- You may ask your teacher to mark your crossnumber at any time even if it is not complete. However, if any digit is incorrect it will be replaced with the correct digit and you will not score any marks for that digit.

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

Across

1. 8 times 15 Down.
4. 17 Down multiplied by 8.
6. The number of metres travelled in 3 minutes at an average speed of 3 metres per second.
7. The digits of 16 Down in a different order.
8. The sum of the squares of 21, 8 and 4.
10. The square root of the sum of 99 and 17 Down.
11. The sum of the digits of 13 Across.
12. 1236 divided by 3.
13. The result of multiplying 10 Across by 17 Down and then subtracting 359.
15. One quarter of 8 Down.
18. Three sevenths of 5 Down.
19. One fifth of the sum of 4 Down and 4 Across.

Down

1. The result when 111 is taken away from the sum of 8 Down and 12 Across.
2. A square number.
3. The positive difference between 8 Down and 6 Across.
4. The largest 3 digit cube number (which is a square number as well).
5. The result of multiplying 3 Down by 10 Across.
8. 4 Across – 192.
9. The product of 10 Across multiplied by one less than 10 Across.
13. A square number multiplied by 3.
14. Twice the sum of 2 Down and 17 Down.
15. One quarter of 12 Across.
16. If the digits are reversed you will have a square number.
17. The largest 2- digit prime number.

1		2		3		4		5
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10							11	
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13		14				15		16
				17				
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Crossnumber Answer Grid.

School Name: _____

School Number _____

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

Marks (7)
Marks (5)
Marks (6)
Marks (3)
Marks (6)
Marks (3)
Marks (6)
Marks (5)
Marks (7)

Total (out of 48) = _____ + 2

Score = _____