



UNITED KINGDOM MATHEMATICS TRUST

CROSSNUMBER

- Time allowed is 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		20
				21				
22						23		

Across

- The largest square number less than 21 across.
- 4 down + 6 across – 21 across.
- 4 down + 21 across minus 41.
- The last 3 digits of 3 down but in a different order.
- 13 down + 52.
- 1 plus 14 across – 16 down.
- 16 down + 400 – 8 across.
- 35 squared + 10.
- A palindrome.
- One seventh of 9 down + 21 across
- Half of (5 times 10 down) + 4.
- The number of minutes from 10:30 until 14:45.
- 4 down + 272.
- 3 down – 7 across – 13 down.

Down

- One fifth of 14 across.
- 95 + 10 across + twice 4 down.
- The result of taking 575 away from 2 down + 5 times 9 down.
- The number of days in 16 weeks.
- 19 down – 1 across.
- A cube number.
- 2 X 3 X 37.
- The same as 15 across.
- The total number of degrees in three angles of any triangle.
- The first cube number with 4 digits + 2 dozen.
- 17 across plus one ninth of 2 down.
- A square number which is four times another 3 digit square number.
- One third of 3 down.
- A square number.

1		2		3		4		5
		6						
7						8	9	
			10		11			
12	13				14			
			15	16				
17		18				19		20
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Crossnumber Answer Grid

School Name: _____

Team Number: _____

1		2		3		4		5	Marks (7)
		6							Marks (6)
7						8	9		Marks (7)
			10		11				Marks (4)
12	13				14				Marks (8)
			15	16					Marks (4)
17		18				19		20	Marks (7)
				21					Marks (6)
22						23			Marks (7)

TOTAL SCORE (out of 56) = _____