CROSSNUMBER

PRIMARY TEAM MATHS
RESOURCES
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Instructions

- 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.

- 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.

- One mark is given for each correct digit at the first time of being presented to your teacher.
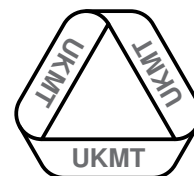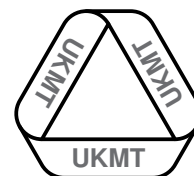
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ACROSS

1. One third of 642 (3)
3. The sum of the digits of 22 ACROSS and 24 DOWN (2)
4. A square number whose digits add to a square number (3)
6. Three quarters of (17 ACROSS − 20 ACROSS) (2)
8. A prime number greater than 80 (2)
9. Three-eighths of (12 ACROSS + 17 ACROSS) (2)
11. The number of millimetres in 1 m 47 cm (4)
12. A multiple of 8 (2)
13. A 1000 less than one quarter of 26 ACROSS (3)
15. A multiple of 7 (3)
17. A square number which is also a cube number (2)
20. Three quarters of 17 ACROSS (2)
22. 15 ACROSS − 28 DOWN (3)
24. The digits of 1 ACROSS in a different order (3)
25. The result of taking 53 away from 26 ACROSS divided by 64 (2)
26. 8 DOWN multiplied by 8 (4)
27. $\frac{1}{4}$ of (4 ACROSS − 397) (2)
29. The digits of 10 DOWN reversed (2)
30. 11 ACROSS − 15 ACROSS − 13 ACROSS + 20 (2)
32. 5 DOWN + 1 (3)
33. The largest two-digit prime number (2)
34. 32 ACROSS + 33 ACROSS + 24 DOWN (3)

DOWN

1. Two more than one quarter of 8 DOWN (3)
2. A prime number (2)
4. A square number (2)
5. The nearest square number to 32 ACROSS (3)
7. A cube number (3)
8. A number that reads the same downwards and upwards (3)
10. Seven-sixths of 18 DOWN (2)
12. A multiple of 19 (2)
14. 12 DOWN is a multiple of this number (2)
16. 287 divided by 7 (2)
17. The same as 17 ACROSS (2)
18. One less than 4 DOWN (2)
19. 10 DOWN times 3 (3)
21. 23 DOWN + 12 ACROSS (3)
23. A square number − 4 (3)
24. 4 ACROSS + 1 (3)
25. 1 ACROSS + 1 DOWN − 17 (3)
28. The number of minutes from 15:05 to 17:41 (3)
29. A prime number (2)
31. A multiple of 11 (2)

TEAM NUMBER [ ] SCHOOL NAME [ ]

Row
TOTALS

|1| |2| |3| |4| |5| /8
| | |6|7| |8| | | /6
|9|10| |11| | | |12| | /8
| |13|14| | |15|16| | /6
| | |17|18| | | /4
|19| |20| |21| /4
|22|23| |24| | | /6
|25| | |26| | | |27|28| /8
| | |29| | |30|31| | /6
|32| | |33| | |34| | | /8

FINAL SCORE /64 [ ]

Marking Instructions—a reminder

- Pupils can ask for the crossnumber to be marked at any time.
- Check each digit of an answer:
  - if it is correct, tick it and award one mark;
  - if it is wrong, cross it out and enter the correct digit;
  - the correct digit is then shown to both pairs so that they are up-to-date.
- Pupils may enter just one digit if they wish, rather than a complete answer.
- Pupils may sacrifice a square, by guessing, if they wish.