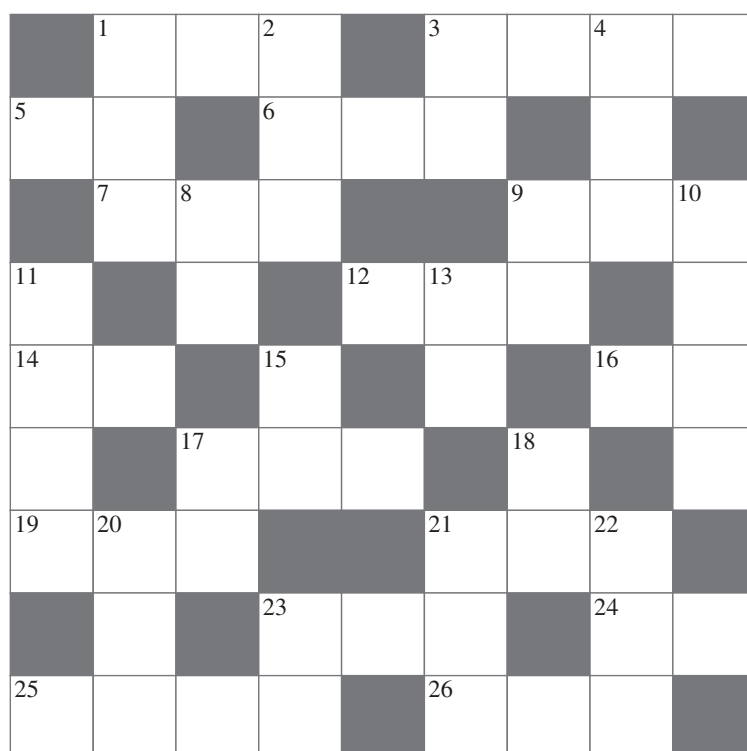
**ACROSS**

- |  |   |
|--|---|
| <p>1. The remainder when 11 DOWN is divided by 19 ACROSS (3)</p> <p>3. The mean of 25 ACROSS and 10 DOWN (4)</p> <p>5. The product of 16 ACROSS and the difference between 1 DOWN and 20 DOWN (2)</p> <p>6. Three less than 4 DOWN (3)</p> <p>7. The number of digits in <math>25^{55} \times 1024^{11}</math> (3)</p> <p>9. A power of 2 (3)</p> <p>12. A cube (3)</p> <p>14. A prime number that is the sum of the first few consecutive prime numbers (2)</p> | <p>16. A factor of 10 DOWN that is a multiple of a square greater than 1 (2)</p> <p>17. A multiple of 18 DOWN (3)</p> <p>19. The square of a prime number, with digits in descending order (3)</p> <p>21. A Fibonacci number where all adjacent digits differ by one (3)</p> <p>23. 23 DOWN increased by 1130% (3)</p> <p>24. A number with an odd number of factors (2)</p> <p>25. The product of the first five prime numbers (4)</p> <p>26. <math>4x + 14</math> where <math>x = \frac{10 \text{ DOWN}}{22} - 15 \text{ DOWN}</math> (3)</p> |
|--|---|



## Down

- |  |   |
|--|---|
| <p>1. A multiple of 8 <b>DOWN</b> (3)</p> <p>2. The sum of two squares (3)</p> <p>3. The sum of the first five prime numbers (2)</p> <p>4. Three more than 6 <b>ACROSS</b> (3)</p> <p>8. A factor of 1 <b>DOWN</b> (2)</p> <p>9. A Fibonacci number divisible by 11 (2)</p> <p>10. The mean of 25 <b>ACROSS</b> and 11 <b>DOWN</b> (4)</p> <p>11. This number is reversed if you multiply it by 4 (4)</p> <p>13. A cube (2)</p> <p>15. The remainder when 21 <b>ACROSS</b> is divided by 9 <b>DOWN</b> (2)</p> | <p>17. An odd number that is a fourth power (2)</p> <p>18. The product of two triangular numbers that is not itself a triangular number (2)</p> <p>20. The number of degrees in a rhombus plus 23 <b>ACROSS</b> (3)</p> <p>21. The difference between 21 <b>ACROSS</b> and 9 <b>DOWN</b> (3)</p> <p>22. <math>x</math> where<br/> <math display="block">3 \text{ ACROSS} - \frac{25 \text{ ACROSS}}{30} = 3x - 2</math> (3)</p> <p>23. The number of digits in <math>2 \times 125^3 \times 4^4</math> (2)</p> |
|--|---|

TEAM NUMBER

SCHOOL NAME

Row  
TOTALS

	1		2		3		4			/7	<input type="text"/>
5			6							/6	<input type="text"/>
	7	8				9		10		/6	<input type="text"/>
11				12	13					/6	<input type="text"/>
14			15				16			/6	<input type="text"/>
		17				18				/6	<input type="text"/>
19	20				21		22			/6	<input type="text"/>
			23				24			/6	<input type="text"/>
25					26					/7	<input type="text"/>

**Correct digit:** place a tick in the dotted circle.  
**Incorrect digit:** cross out the answer, write in the correct digit, and place a cross in the dotted circle.  
**Row totals:** enter the number of ticks in each row.

FINAL SCORE /56