

# Sieve of Eratosthenes

Name: \_\_\_\_\_ Date: \_\_\_\_\_

To find all of the prime numbers, start by crossing out all that are multiples of 2. Do the same for 3, 5, and so on, until the only numbers left are primes.

	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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## ANSWER KEY

To find all of the prime numbers, start by crossing out all that are multiples of 2. Do the same for 3, 5, and so on, until the only numbers left are primes.

	2	3	<sup>2</sup> <del>4</del>	5	<sup>2</sup> <del>6</del>	7	<sup>2</sup> <del>8</del>	<sup>3</sup> <del>9</del>	<sup>2</sup> <del>10</del>
11	<sup>2</sup> <del>12</del>	13	<sup>2</sup> <del>14</del>	<sup>3</sup> <del>15</del>	<sup>2</sup> <del>16</del>	17	<sup>2</sup> <del>18</del>	19	<sup>2</sup> <del>20</del>
<sup>3</sup> <del>21</del>	<sup>2</sup> <del>22</del>	23	<sup>2</sup> <del>24</del>	<sup>5</sup> <del>25</del>	<sup>2</sup> <del>26</del>	<sup>3</sup> <del>27</del>	<sup>2</sup> <del>28</del>	29	<sup>2</sup> <del>30</del>
31	<sup>2</sup> <del>32</del>	<sup>3</sup> <del>33</del>	<sup>2</sup> <del>34</del>	<sup>5</sup> <del>35</del>	<sup>2</sup> <del>36</del>	37	<sup>2</sup> <del>38</del>	<sup>3</sup> <del>39</del>	<sup>2</sup> <del>40</del>
41	<sup>2</sup> <del>42</del>	43	<sup>2</sup> <del>44</del>	<sup>3</sup> <del>45</del>	<sup>2</sup> <del>46</del>	47	<sup>2</sup> <del>48</del>	<sup>7</sup> <del>49</del>	<sup>2</sup> <del>50</del>
<sup>3</sup> <del>51</del>	<sup>2</sup> <del>52</del>	53	<sup>2</sup> <del>54</del>	<sup>5</sup> <del>55</del>	<sup>2</sup> <del>56</del>	<sup>3</sup> <del>57</del>	<sup>2</sup> <del>58</del>	59	<sup>2</sup> <del>60</del>
61	<sup>2</sup> <del>62</del>	<sup>3</sup> <del>63</del>	<sup>2</sup> <del>64</del>	<sup>5</sup> <del>65</del>	<sup>2</sup> <del>66</del>	67	<sup>2</sup> <del>68</del>	<sup>3</sup> <del>69</del>	<sup>2</sup> <del>70</del>
71	<sup>2</sup> <del>72</del>	73	<sup>2</sup> <del>74</del>	<sup>3</sup> <del>75</del>	<sup>2</sup> <del>76</del>	<sup>7</sup> <del>77</del>	<sup>2</sup> <del>78</del>	79	<sup>2</sup> <del>80</del>
<sup>3</sup> <del>81</del>	<sup>2</sup> <del>82</del>	83	<sup>2</sup> <del>84</del>	<sup>5</sup> <del>85</del>	<sup>2</sup> <del>86</del>	<sup>3</sup> <del>87</del>	<sup>2</sup> <del>88</del>	89	<sup>2</sup> <del>90</del>
<sup>7</sup> <del>91</del>	<sup>2</sup> <del>92</del>	<sup>3</sup> <del>93</del>	<sup>2</sup> <del>94</del>	<sup>5</sup> <del>95</del>	<sup>2</sup> <del>96</del>	97	<sup>2</sup> <del>98</del>	<sup>3</sup> <del>99</del>	<sup>2</sup> <del>100</del>