

Identifying Rules for Number Patterns and Extending Patterns

Pattern	Rule
24, 28, 32, _____ , _____ , _____ , _____	_____
45, 40, 35, _____ , _____ , _____ , _____	_____
40, 50, 60, _____ , _____ , _____ , _____	_____
33, 40, 47, _____ , _____ , _____ , _____	_____
78, 76, 74, _____ , _____ , _____ , _____	_____
25, 31, 37, _____ , _____ , _____ , _____	_____
92, 82, 72, _____ , _____ , _____ , _____	_____
86, 78, 70, _____ , _____ , _____ , _____	_____
23, 28, 33, _____ , _____ , _____ , _____	_____
44, 52, 60, _____ , _____ , _____ , _____	_____

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Answers:

Pattern	Rule
24, 28, 32, <u>36</u> , <u>40</u> , <u>44</u> , <u>48</u>	<u>+4</u>
45, 40, 35, <u>30</u> , <u>25</u> , <u>20</u> , <u>15</u>	<u>-5</u>
40, 50, 60, <u>70</u> , <u>80</u> , <u>90</u> , <u>100</u>	<u>+10</u>
33, 40, 47, <u>54</u> , <u>61</u> , <u>68</u> , <u>75</u>	<u>+7</u>
78, 76, 74, <u>72</u> , <u>70</u> , <u>68</u> , <u>66</u>	<u>-2</u>
25, 31, 37, <u>43</u> , <u>49</u> , <u>55</u> , <u>61</u>	<u>+6</u>
92, 82, 72, <u>62</u> , <u>52</u> , <u>42</u> , <u>32</u>	<u>-10</u>
86, 78, 70, <u>62</u> , <u>54</u> , <u>46</u> , <u>38</u>	<u>-8</u>
23, 28, 33, <u>38</u> , <u>43</u> , <u>48</u> , <u>53</u>	<u>+5</u>
44, 52, 60, <u>68</u> , <u>76</u> , <u>84</u> , <u>92</u>	<u>+8</u>