



**Create a pattern then find the number in the pattern.**

**Answers**

**Ex)** Start at 46 and create a pattern with the rule add 3.

46   49   52   55   58   61

What is the fifth number in the pattern?

Ex. 58

**1)** Start at 25 and create a pattern with the rule add 9.

\_\_\_\_\_

What is the fourth number in the pattern?

1. \_\_\_\_\_

**2)** Start at 47 and create a pattern with the rule add 6.

\_\_\_\_\_

What is the fourth number in the pattern?

2. \_\_\_\_\_

**3)** Start at 13 and create a pattern with the rule add 3.

\_\_\_\_\_

What is the fourth number in the pattern?

3. \_\_\_\_\_

**4)** Start at 14 and create a pattern with the rule add 2.

\_\_\_\_\_

What is the sixth number in the pattern?

4. \_\_\_\_\_

**5)** Start at 13 and create a pattern with the rule add 10.

\_\_\_\_\_

What is the third number in the pattern?

5. \_\_\_\_\_

**6)** Start at 81 and create a pattern with the rule subtract 6.

\_\_\_\_\_

What is the sixth number in the pattern?

6. \_\_\_\_\_

**7)** Start at 12 and create a pattern with the rule add 9.

\_\_\_\_\_

What is the sixth number in the pattern?

7. \_\_\_\_\_

**8)** Start at 24 and create a pattern with the rule subtract 3.

\_\_\_\_\_

What is the sixth number in the pattern?

8. \_\_\_\_\_

**9)** Start at 75 and create a pattern with the rule subtract 9.

\_\_\_\_\_

What is the sixth number in the pattern?

9. \_\_\_\_\_

**10)** Start at 61 and create a pattern with the rule subtract 6.

\_\_\_\_\_

What is the sixth number in the pattern?

10. \_\_\_\_\_



**Create a pattern then find the number in the pattern.**

**Answers**

Ex) Start at 46 and create a pattern with the rule add 3.

46   49   52   55   58   61

What is the fifth number in the pattern?

Ex. 58

1) Start at 25 and create a pattern with the rule add 9.

25   34   43   52   61   70

What is the fourth number in the pattern?

1. 52

2) Start at 47 and create a pattern with the rule add 6.

47   53   59   65   71   77

What is the fourth number in the pattern?

2. 65

3) Start at 13 and create a pattern with the rule add 3.

13   16   19   22   25   28

What is the fourth number in the pattern?

3. 22

4) Start at 14 and create a pattern with the rule add 2.

14   16   18   20   22   24

What is the sixth number in the pattern?

4. 24

5) Start at 13 and create a pattern with the rule add 10.

13   23   33   43   53   63

What is the third number in the pattern?

5. 33

6) Start at 81 and create a pattern with the rule subtract 6.

81   75   69   63   57   51

What is the sixth number in the pattern?

6. 51

7) Start at 12 and create a pattern with the rule add 9.

12   21   30   39   48   57

What is the sixth number in the pattern?

7. 57

8) Start at 24 and create a pattern with the rule subtract 3.

24   21   18   15   12   9

What is the sixth number in the pattern?

8. 9

9) Start at 75 and create a pattern with the rule subtract 9.

75   66   57   48   39   30

What is the sixth number in the pattern?

9. 30

10) Start at 61 and create a pattern with the rule subtract 6.

61   55   49   43   37   31

What is the sixth number in the pattern?

10. 31



**Create a pattern then find the number in the pattern.**

**Answers**

**Ex)** Start at 38 and create a pattern with the rule add 2.  
What is the fifth number in the pattern?

38   40   42   44   46   48

Ex. 46

**1)** Start at 54 and create a pattern with the rule subtract 7.  
What is the fifth number in the pattern?

\_\_\_\_\_

1. \_\_\_\_\_

**2)** Start at 8 and create a pattern with the rule add 4.  
What is the fifth number in the pattern?

\_\_\_\_\_

2. \_\_\_\_\_

**3)** Start at 75 and create a pattern with the rule subtract 7.  
What is the sixth number in the pattern?

\_\_\_\_\_

3. \_\_\_\_\_

**4)** Start at 92 and create a pattern with the rule subtract 10.  
What is the sixth number in the pattern?

\_\_\_\_\_

4. \_\_\_\_\_

**5)** Start at 54 and create a pattern with the rule subtract 3.  
What is the third number in the pattern?

\_\_\_\_\_

5. \_\_\_\_\_

**6)** Start at 36 and create a pattern with the rule add 6.  
What is the fifth number in the pattern?

\_\_\_\_\_

6. \_\_\_\_\_

**7)** Start at 69 and create a pattern with the rule subtract 4.  
What is the fourth number in the pattern?

\_\_\_\_\_

7. \_\_\_\_\_

**8)** Start at 81 and create a pattern with the rule subtract 8.  
What is the fourth number in the pattern?

\_\_\_\_\_

8. \_\_\_\_\_

**9)** Start at 12 and create a pattern with the rule add 5.  
What is the fifth number in the pattern?

\_\_\_\_\_

9. \_\_\_\_\_

**10)** Start at 38 and create a pattern with the rule subtract 5.  
What is the fifth number in the pattern?

\_\_\_\_\_

10. \_\_\_\_\_



**Create a pattern then find the number in the pattern.**

**Answers**

Ex) Start at 38 and create a pattern with the rule add 2.  
What is the fifth number in the pattern?

38   40   42   44   46   48

Ex. 46

1) Start at 54 and create a pattern with the rule subtract 7.  
What is the fifth number in the pattern?

54   47   40   33   26   19

1. 26

2) Start at 8 and create a pattern with the rule add 4.  
What is the fifth number in the pattern?

8   12   16   20   24   28

2. 24

3) Start at 75 and create a pattern with the rule subtract 7.  
What is the sixth number in the pattern?

75   68   61   54   47   40

3. 40

4) Start at 92 and create a pattern with the rule subtract 10.  
What is the sixth number in the pattern?

92   82   72   62   52   42

4. 42

5) Start at 54 and create a pattern with the rule subtract 3.  
What is the third number in the pattern?

54   51   48   45   42   39

5. 48

6) Start at 36 and create a pattern with the rule add 6.  
What is the fifth number in the pattern?

36   42   48   54   60   66

6. 60

7) Start at 69 and create a pattern with the rule subtract 4.  
What is the fourth number in the pattern?

69   65   61   57   53   49

7. 57

8) Start at 81 and create a pattern with the rule subtract 8.  
What is the fourth number in the pattern?

81   73   65   57   49   41

8. 57

9) Start at 12 and create a pattern with the rule add 5.  
What is the fifth number in the pattern?

12   17   22   27   32   37

9. 32

10) Start at 38 and create a pattern with the rule subtract 5.  
What is the fifth number in the pattern?

38   33   28   23   18   13

10. 18



**Create a pattern then find the number in the pattern.**

**Answers**

**Ex)** Start at 22 and create a pattern with the rule subtract 2.  
What is the third number in the pattern?

22   20   18   16   14   12

Ex. 18

**1)** Start at 47 and create a pattern with the rule subtract 5.  
What is the fifth number in the pattern?

\_\_\_\_\_

1. \_\_\_\_\_

**2)** Start at 63 and create a pattern with the rule subtract 10.  
What is the sixth number in the pattern?

\_\_\_\_\_

2. \_\_\_\_\_

**3)** Start at 19 and create a pattern with the rule add 3.  
What is the third number in the pattern?

\_\_\_\_\_

3. \_\_\_\_\_

**4)** Start at 51 and create a pattern with the rule subtract 6.  
What is the third number in the pattern?

\_\_\_\_\_

4. \_\_\_\_\_

**5)** Start at 46 and create a pattern with the rule add 9.  
What is the sixth number in the pattern?

\_\_\_\_\_

5. \_\_\_\_\_

**6)** Start at 13 and create a pattern with the rule add 10.  
What is the fourth number in the pattern?

\_\_\_\_\_

6. \_\_\_\_\_

**7)** Start at 20 and create a pattern with the rule add 10.  
What is the fourth number in the pattern?

\_\_\_\_\_

7. \_\_\_\_\_

**8)** Start at 28 and create a pattern with the rule add 8.  
What is the sixth number in the pattern?

\_\_\_\_\_

8. \_\_\_\_\_

**9)** Start at 50 and create a pattern with the rule subtract 2.  
What is the fifth number in the pattern?

\_\_\_\_\_

9. \_\_\_\_\_

**10)** Start at 71 and create a pattern with the rule subtract 6.  
What is the third number in the pattern?

\_\_\_\_\_

10. \_\_\_\_\_



**Create a pattern then find the number in the pattern.**

Ex) Start at 22 and create a pattern with the rule subtract 2.  
What is the third number in the pattern?

22   20   18   16   14   12

Answers  
Ex. 18

1) Start at 47 and create a pattern with the rule subtract 5.  
What is the fifth number in the pattern?

47   42   37   32   27   22

1. 27

2) Start at 63 and create a pattern with the rule subtract 10.  
What is the sixth number in the pattern?

63   53   43   33   23   13

2. 13

3) Start at 19 and create a pattern with the rule add 3.  
What is the third number in the pattern?

19   22   25   28   31   34

3. 25

4) Start at 51 and create a pattern with the rule subtract 6.  
What is the third number in the pattern?

51   45   39   33   27   21

4. 39

5) Start at 46 and create a pattern with the rule add 9.  
What is the sixth number in the pattern?

46   55   64   73   82   91

5. 91

6) Start at 13 and create a pattern with the rule add 10.  
What is the fourth number in the pattern?

13   23   33   43   53   63

6. 43

7) Start at 20 and create a pattern with the rule add 10.  
What is the fourth number in the pattern?

20   30   40   50   60   70

7. 50

8) Start at 28 and create a pattern with the rule add 8.  
What is the sixth number in the pattern?

28   36   44   52   60   68

8. 68

9) Start at 50 and create a pattern with the rule subtract 2.  
What is the fifth number in the pattern?

50   48   46   44   42   40

9. 42

10) Start at 71 and create a pattern with the rule subtract 6.  
What is the third number in the pattern?

71   65   59   53   47   41

10. 59



**Create a pattern then find the number in the pattern.**

**Answers**

**Ex)** Start at 65 and create a pattern with the rule subtract 8.  
What is the sixth number in the pattern?

65   57   49   41   33   25

Ex. 25

**1)** Start at 36 and create a pattern with the rule add 7.  
What is the third number in the pattern?

\_\_\_\_\_

1. \_\_\_\_\_

**2)** Start at 33 and create a pattern with the rule subtract 5.  
What is the fourth number in the pattern?

\_\_\_\_\_

2. \_\_\_\_\_

**3)** Start at 33 and create a pattern with the rule add 6.  
What is the sixth number in the pattern?

\_\_\_\_\_

3. \_\_\_\_\_

**4)** Start at 21 and create a pattern with the rule add 3.  
What is the sixth number in the pattern?

\_\_\_\_\_

4. \_\_\_\_\_

**5)** Start at 55 and create a pattern with the rule subtract 4.  
What is the third number in the pattern?

\_\_\_\_\_

5. \_\_\_\_\_

**6)** Start at 16 and create a pattern with the rule add 3.  
What is the sixth number in the pattern?

\_\_\_\_\_

6. \_\_\_\_\_

**7)** Start at 49 and create a pattern with the rule add 10.  
What is the sixth number in the pattern?

\_\_\_\_\_

7. \_\_\_\_\_

**8)** Start at 38 and create a pattern with the rule add 6.  
What is the fifth number in the pattern?

\_\_\_\_\_

8. \_\_\_\_\_

**9)** Start at 19 and create a pattern with the rule add 4.  
What is the fourth number in the pattern?

\_\_\_\_\_

9. \_\_\_\_\_

**10)** Start at 37 and create a pattern with the rule add 10.  
What is the fifth number in the pattern?

\_\_\_\_\_

10. \_\_\_\_\_



**Create a pattern then find the number in the pattern.**

**Answers**

- |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                  |           |           |           |           |           |           |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <p><b>Ex)</b> Start at 65 and create a pattern with the rule subtract 8.<br/>What is the sixth number in the pattern?</p> | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>65</b></td> <td style="padding: 2px 10px;"><b>57</b></td> <td style="padding: 2px 10px;"><b>49</b></td> <td style="padding: 2px 10px;"><b>41</b></td> <td style="padding: 2px 10px;"><b>33</b></td> <td style="padding: 2px 10px;"><b>25</b></td> </tr> </table> | <b>65</b> | <b>57</b> | <b>49</b> | <b>41</b> | <b>33</b> | <b>25</b> |
| <b>65</b>                                                                                                                 | <b>57</b>                                                                                                                                                                                                                                                                                                                                        | <b>49</b> | <b>41</b> | <b>33</b> | <b>25</b> |           |           |
| <p><b>1)</b> Start at 36 and create a pattern with the rule add 7.<br/>What is the third number in the pattern?</p>       | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>36</b></td> <td style="padding: 2px 10px;"><b>43</b></td> <td style="padding: 2px 10px;"><b>50</b></td> <td style="padding: 2px 10px;"><b>57</b></td> <td style="padding: 2px 10px;"><b>64</b></td> <td style="padding: 2px 10px;"><b>71</b></td> </tr> </table> | <b>36</b> | <b>43</b> | <b>50</b> | <b>57</b> | <b>64</b> | <b>71</b> |
| <b>36</b>                                                                                                                 | <b>43</b>                                                                                                                                                                                                                                                                                                                                        | <b>50</b> | <b>57</b> | <b>64</b> | <b>71</b> |           |           |
| <p><b>2)</b> Start at 33 and create a pattern with the rule subtract 5.<br/>What is the fourth number in the pattern?</p> | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>33</b></td> <td style="padding: 2px 10px;"><b>28</b></td> <td style="padding: 2px 10px;"><b>23</b></td> <td style="padding: 2px 10px;"><b>18</b></td> <td style="padding: 2px 10px;"><b>13</b></td> <td style="padding: 2px 10px;"><b>8</b></td> </tr> </table>  | <b>33</b> | <b>28</b> | <b>23</b> | <b>18</b> | <b>13</b> | <b>8</b>  |
| <b>33</b>                                                                                                                 | <b>28</b>                                                                                                                                                                                                                                                                                                                                        | <b>23</b> | <b>18</b> | <b>13</b> | <b>8</b>  |           |           |
| <p><b>3)</b> Start at 33 and create a pattern with the rule add 6.<br/>What is the sixth number in the pattern?</p>       | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>33</b></td> <td style="padding: 2px 10px;"><b>39</b></td> <td style="padding: 2px 10px;"><b>45</b></td> <td style="padding: 2px 10px;"><b>51</b></td> <td style="padding: 2px 10px;"><b>57</b></td> <td style="padding: 2px 10px;"><b>63</b></td> </tr> </table> | <b>33</b> | <b>39</b> | <b>45</b> | <b>51</b> | <b>57</b> | <b>63</b> |
| <b>33</b>                                                                                                                 | <b>39</b>                                                                                                                                                                                                                                                                                                                                        | <b>45</b> | <b>51</b> | <b>57</b> | <b>63</b> |           |           |
| <p><b>4)</b> Start at 21 and create a pattern with the rule add 3.<br/>What is the sixth number in the pattern?</p>       | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>21</b></td> <td style="padding: 2px 10px;"><b>24</b></td> <td style="padding: 2px 10px;"><b>27</b></td> <td style="padding: 2px 10px;"><b>30</b></td> <td style="padding: 2px 10px;"><b>33</b></td> <td style="padding: 2px 10px;"><b>36</b></td> </tr> </table> | <b>21</b> | <b>24</b> | <b>27</b> | <b>30</b> | <b>33</b> | <b>36</b> |
| <b>21</b>                                                                                                                 | <b>24</b>                                                                                                                                                                                                                                                                                                                                        | <b>27</b> | <b>30</b> | <b>33</b> | <b>36</b> |           |           |
| <p><b>5)</b> Start at 55 and create a pattern with the rule subtract 4.<br/>What is the third number in the pattern?</p>  | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>55</b></td> <td style="padding: 2px 10px;"><b>51</b></td> <td style="padding: 2px 10px;"><b>47</b></td> <td style="padding: 2px 10px;"><b>43</b></td> <td style="padding: 2px 10px;"><b>39</b></td> <td style="padding: 2px 10px;"><b>35</b></td> </tr> </table> | <b>55</b> | <b>51</b> | <b>47</b> | <b>43</b> | <b>39</b> | <b>35</b> |
| <b>55</b>                                                                                                                 | <b>51</b>                                                                                                                                                                                                                                                                                                                                        | <b>47</b> | <b>43</b> | <b>39</b> | <b>35</b> |           |           |
| <p><b>6)</b> Start at 16 and create a pattern with the rule add 3.<br/>What is the sixth number in the pattern?</p>       | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>16</b></td> <td style="padding: 2px 10px;"><b>19</b></td> <td style="padding: 2px 10px;"><b>22</b></td> <td style="padding: 2px 10px;"><b>25</b></td> <td style="padding: 2px 10px;"><b>28</b></td> <td style="padding: 2px 10px;"><b>31</b></td> </tr> </table> | <b>16</b> | <b>19</b> | <b>22</b> | <b>25</b> | <b>28</b> | <b>31</b> |
| <b>16</b>                                                                                                                 | <b>19</b>                                                                                                                                                                                                                                                                                                                                        | <b>22</b> | <b>25</b> | <b>28</b> | <b>31</b> |           |           |
| <p><b>7)</b> Start at 49 and create a pattern with the rule add 10.<br/>What is the sixth number in the pattern?</p>      | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>49</b></td> <td style="padding: 2px 10px;"><b>59</b></td> <td style="padding: 2px 10px;"><b>69</b></td> <td style="padding: 2px 10px;"><b>79</b></td> <td style="padding: 2px 10px;"><b>89</b></td> <td style="padding: 2px 10px;"><b>99</b></td> </tr> </table> | <b>49</b> | <b>59</b> | <b>69</b> | <b>79</b> | <b>89</b> | <b>99</b> |
| <b>49</b>                                                                                                                 | <b>59</b>                                                                                                                                                                                                                                                                                                                                        | <b>69</b> | <b>79</b> | <b>89</b> | <b>99</b> |           |           |
| <p><b>8)</b> Start at 38 and create a pattern with the rule add 6.<br/>What is the fifth number in the pattern?</p>       | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>38</b></td> <td style="padding: 2px 10px;"><b>44</b></td> <td style="padding: 2px 10px;"><b>50</b></td> <td style="padding: 2px 10px;"><b>56</b></td> <td style="padding: 2px 10px;"><b>62</b></td> <td style="padding: 2px 10px;"><b>68</b></td> </tr> </table> | <b>38</b> | <b>44</b> | <b>50</b> | <b>56</b> | <b>62</b> | <b>68</b> |
| <b>38</b>                                                                                                                 | <b>44</b>                                                                                                                                                                                                                                                                                                                                        | <b>50</b> | <b>56</b> | <b>62</b> | <b>68</b> |           |           |
| <p><b>9)</b> Start at 19 and create a pattern with the rule add 4.<br/>What is the fourth number in the pattern?</p>      | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>19</b></td> <td style="padding: 2px 10px;"><b>23</b></td> <td style="padding: 2px 10px;"><b>27</b></td> <td style="padding: 2px 10px;"><b>31</b></td> <td style="padding: 2px 10px;"><b>35</b></td> <td style="padding: 2px 10px;"><b>39</b></td> </tr> </table> | <b>19</b> | <b>23</b> | <b>27</b> | <b>31</b> | <b>35</b> | <b>39</b> |
| <b>19</b>                                                                                                                 | <b>23</b>                                                                                                                                                                                                                                                                                                                                        | <b>27</b> | <b>31</b> | <b>35</b> | <b>39</b> |           |           |
| <p><b>10)</b> Start at 37 and create a pattern with the rule add 10.<br/>What is the fifth number in the pattern?</p>     | <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 10px;"><b>37</b></td> <td style="padding: 2px 10px;"><b>47</b></td> <td style="padding: 2px 10px;"><b>57</b></td> <td style="padding: 2px 10px;"><b>67</b></td> <td style="padding: 2px 10px;"><b>77</b></td> <td style="padding: 2px 10px;"><b>87</b></td> </tr> </table> | <b>37</b> | <b>47</b> | <b>57</b> | <b>67</b> | <b>77</b> | <b>87</b> |
| <b>37</b>                                                                                                                 | <b>47</b>                                                                                                                                                                                                                                                                                                                                        | <b>57</b> | <b>67</b> | <b>77</b> | <b>87</b> |           |           |

- |     |           |
|-----|-----------|
| Ex. | <b>25</b> |
| 1.  | <b>50</b> |
| 2.  | <b>18</b> |
| 3.  | <b>63</b> |
| 4.  | <b>36</b> |
| 5.  | <b>47</b> |
| 6.  | <b>31</b> |
| 7.  | <b>99</b> |
| 8.  | <b>62</b> |
| 9.  | <b>31</b> |
| 10. | <b>77</b> |





**Create a pattern then find the number in the pattern.**

**Answers**

**Ex)** Start at 30 and create a pattern with the rule subtract 4.  
What is the fifth number in the pattern?

30   26   22   18   14   10

Ex. 14

**1)** Start at 35 and create a pattern with the rule subtract 3.  
What is the fifth number in the pattern?

\_\_\_\_\_

1. \_\_\_\_\_

**2)** Start at 35 and create a pattern with the rule add 3.  
What is the fourth number in the pattern?

\_\_\_\_\_

2. \_\_\_\_\_

**3)** Start at 80 and create a pattern with the rule subtract 7.  
What is the fifth number in the pattern?

\_\_\_\_\_

3. \_\_\_\_\_

**4)** Start at 35 and create a pattern with the rule add 2.  
What is the fourth number in the pattern?

\_\_\_\_\_

4. \_\_\_\_\_

**5)** Start at 37 and create a pattern with the rule add 8.  
What is the fifth number in the pattern?

\_\_\_\_\_

5. \_\_\_\_\_

**6)** Start at 48 and create a pattern with the rule subtract 2.  
What is the third number in the pattern?

\_\_\_\_\_

6. \_\_\_\_\_

**7)** Start at 30 and create a pattern with the rule add 4.  
What is the sixth number in the pattern?

\_\_\_\_\_

7. \_\_\_\_\_

**8)** Start at 38 and create a pattern with the rule add 2.  
What is the fifth number in the pattern?

\_\_\_\_\_

8. \_\_\_\_\_

**9)** Start at 86 and create a pattern with the rule subtract 6.  
What is the sixth number in the pattern?

\_\_\_\_\_

9. \_\_\_\_\_

**10)** Start at 62 and create a pattern with the rule subtract 8.  
What is the third number in the pattern?

\_\_\_\_\_

10. \_\_\_\_\_



**Create a pattern then find the number in the pattern.**

**Ex)** Start at 30 and create a pattern with the rule subtract 4.  
What is the fifth number in the pattern?

30 26 22 18 14 10

**Answers**

Ex. 14

**1)** Start at 35 and create a pattern with the rule subtract 3.  
What is the fifth number in the pattern?

35 32 29 26 23 20

1. 23

**2)** Start at 35 and create a pattern with the rule add 3.  
What is the fourth number in the pattern?

35 38 41 44 47 50

2. 44

**3)** Start at 80 and create a pattern with the rule subtract 7.  
What is the fifth number in the pattern?

80 73 66 59 52 45

3. 52

**4)** Start at 35 and create a pattern with the rule add 2.  
What is the fourth number in the pattern?

35 37 39 41 43 45

4. 41

**5)** Start at 37 and create a pattern with the rule add 8.  
What is the fifth number in the pattern?

37 45 53 61 69 77

5. 69

**6)** Start at 48 and create a pattern with the rule subtract 2.  
What is the third number in the pattern?

48 46 44 42 40 38

6. 44

**7)** Start at 30 and create a pattern with the rule add 4.  
What is the sixth number in the pattern?

30 34 38 42 46 50

7. 50

**8)** Start at 38 and create a pattern with the rule add 2.  
What is the fifth number in the pattern?

38 40 42 44 46 48

8. 46

**9)** Start at 86 and create a pattern with the rule subtract 6.  
What is the sixth number in the pattern?

86 80 74 68 62 56

9. 56

**10)** Start at 62 and create a pattern with the rule subtract 8.  
What is the third number in the pattern?

62 54 46 38 30 22

10. 46



**Create a pattern then find the number in the pattern.**

**Answers**

**Ex)** Start at 63 and create a pattern with the rule subtract 6.  
What is the fourth number in the pattern?

63   57   51   45   39   33

Ex.   45

**1)** Start at 64 and create a pattern with the rule subtract 3.  
What is the fourth number in the pattern?

\_\_\_\_\_

1. \_\_\_\_\_

**2)** Start at 46 and create a pattern with the rule add 7.  
What is the sixth number in the pattern?

\_\_\_\_\_

2. \_\_\_\_\_

**3)** Start at 3 and create a pattern with the rule add 5.  
What is the third number in the pattern?

\_\_\_\_\_

3. \_\_\_\_\_

**4)** Start at 84 and create a pattern with the rule subtract 9.  
What is the sixth number in the pattern?

\_\_\_\_\_

4. \_\_\_\_\_

**5)** Start at 51 and create a pattern with the rule subtract 3.  
What is the fourth number in the pattern?

\_\_\_\_\_

5. \_\_\_\_\_

**6)** Start at 64 and create a pattern with the rule subtract 4.  
What is the sixth number in the pattern?

\_\_\_\_\_

6. \_\_\_\_\_

**7)** Start at 88 and create a pattern with the rule subtract 7.  
What is the fourth number in the pattern?

\_\_\_\_\_

7. \_\_\_\_\_

**8)** Start at 110 and create a pattern with the rule subtract 10.  
What is the fourth number in the pattern?

\_\_\_\_\_

8. \_\_\_\_\_

**9)** Start at 39 and create a pattern with the rule add 3.  
What is the fourth number in the pattern?

\_\_\_\_\_

9. \_\_\_\_\_

**10)** Start at 23 and create a pattern with the rule subtract 2.  
What is the sixth number in the pattern?

\_\_\_\_\_

10. \_\_\_\_\_



**Create a pattern then find the number in the pattern.**

**Answers**

Ex) Start at 63 and create a pattern with the rule subtract 6.  
What is the fourth number in the pattern?

63   57   51   45   39   33

Ex. 45

1) Start at 64 and create a pattern with the rule subtract 3.  
What is the fourth number in the pattern?

64   61   58   55   52   49

1. 55

2) Start at 46 and create a pattern with the rule add 7.  
What is the sixth number in the pattern?

46   53   60   67   74   81

2. 81

3) Start at 3 and create a pattern with the rule add 5.  
What is the third number in the pattern?

3   8   13   18   23   28

3. 13

4) Start at 84 and create a pattern with the rule subtract 9.  
What is the sixth number in the pattern?

84   75   66   57   48   39

4. 39

5) Start at 51 and create a pattern with the rule subtract 3.  
What is the fourth number in the pattern?

51   48   45   42   39   36

5. 42

6) Start at 64 and create a pattern with the rule subtract 4.  
What is the sixth number in the pattern?

64   60   56   52   48   44

6. 44

7) Start at 88 and create a pattern with the rule subtract 7.  
What is the fourth number in the pattern?

88   81   74   67   60   53

7. 67

8) Start at 110 and create a pattern with the rule subtract 10.  
What is the fourth number in the pattern?

110   100   90   80   70   60

8. 80

9) Start at 39 and create a pattern with the rule add 3.  
What is the fourth number in the pattern?

39   42   45   48   51   54

9. 48

10) Start at 23 and create a pattern with the rule subtract 2.  
What is the sixth number in the pattern?

23   21   19   17   15   13

10. 13



**Create a pattern then find the number in the pattern.**

**Answers**

**Ex)** Start at 47 and create a pattern with the rule add 5.  
What is the fifth number in the pattern?

47   52   57   62   67   72

Ex. 67

**1)** Start at 11 and create a pattern with the rule add 6.  
What is the third number in the pattern?

\_\_\_\_\_

1. \_\_\_\_\_

**2)** Start at 3 and create a pattern with the rule add 2.  
What is the third number in the pattern?

\_\_\_\_\_

2. \_\_\_\_\_

**3)** Start at 14 and create a pattern with the rule add 9.  
What is the fifth number in the pattern?

\_\_\_\_\_

3. \_\_\_\_\_

**4)** Start at 44 and create a pattern with the rule subtract 2.  
What is the fifth number in the pattern?

\_\_\_\_\_

4. \_\_\_\_\_

**5)** Start at 63 and create a pattern with the rule subtract 4.  
What is the fifth number in the pattern?

\_\_\_\_\_

5. \_\_\_\_\_

**6)** Start at 22 and create a pattern with the rule add 4.  
What is the fourth number in the pattern?

\_\_\_\_\_

6. \_\_\_\_\_

**7)** Start at 50 and create a pattern with the rule add 7.  
What is the sixth number in the pattern?

\_\_\_\_\_

7. \_\_\_\_\_

**8)** Start at 35 and create a pattern with the rule subtract 2.  
What is the fifth number in the pattern?

\_\_\_\_\_

8. \_\_\_\_\_

**9)** Start at 68 and create a pattern with the rule subtract 8.  
What is the third number in the pattern?

\_\_\_\_\_

9. \_\_\_\_\_

**10)** Start at 21 and create a pattern with the rule add 6.  
What is the sixth number in the pattern?

\_\_\_\_\_

10. \_\_\_\_\_



**Create a pattern then find the number in the pattern.**

**Answers**

Ex) Start at 47 and create a pattern with the rule add 5.  
What is the fifth number in the pattern?

47   52   57   62   67   72

Ex. 67

1) Start at 11 and create a pattern with the rule add 6.  
What is the third number in the pattern?

11   17   23   29   35   41

1. 23

2) Start at 3 and create a pattern with the rule add 2.  
What is the third number in the pattern?

3   5   7   9   11   13

2. 7

3) Start at 14 and create a pattern with the rule add 9.  
What is the fifth number in the pattern?

14   23   32   41   50   59

3. 50

4) Start at 44 and create a pattern with the rule subtract 2.  
What is the fifth number in the pattern?

44   42   40   38   36   34

4. 36

5) Start at 63 and create a pattern with the rule subtract 4.  
What is the fifth number in the pattern?

63   59   55   51   47   43

5. 47

6) Start at 22 and create a pattern with the rule add 4.  
What is the fourth number in the pattern?

22   26   30   34   38   42

6. 34

7) Start at 50 and create a pattern with the rule add 7.  
What is the sixth number in the pattern?

50   57   64   71   78   85

7. 85

8) Start at 35 and create a pattern with the rule subtract 2.  
What is the fifth number in the pattern?

35   33   31   29   27   25

8. 27

9) Start at 68 and create a pattern with the rule subtract 8.  
What is the third number in the pattern?

68   60   52   44   36   28

9. 52

10) Start at 21 and create a pattern with the rule add 6.  
What is the sixth number in the pattern?

21   27   33   39   45   51

10. 51



**Create a pattern then find the number in the pattern.**

**Answers**

Ex) Start at 46 and create a pattern with the rule subtract 6.  
 What is the fourth number in the pattern?

46   40   34   28   22   16

Ex. 28

1) Start at 9 and create a pattern with the rule add 2.  
 What is the third number in the pattern?

\_\_\_\_\_

1. \_\_\_\_\_

2) Start at 37 and create a pattern with the rule subtract 2.  
 What is the fourth number in the pattern?

\_\_\_\_\_

2. \_\_\_\_\_

3) Start at 23 and create a pattern with the rule add 2.  
 What is the fifth number in the pattern?

\_\_\_\_\_

3. \_\_\_\_\_

4) Start at 14 and create a pattern with the rule add 4.  
 What is the sixth number in the pattern?

\_\_\_\_\_

4. \_\_\_\_\_

5) Start at 93 and create a pattern with the rule subtract 8.  
 What is the third number in the pattern?

\_\_\_\_\_

5. \_\_\_\_\_

6) Start at 86 and create a pattern with the rule subtract 7.  
 What is the fifth number in the pattern?

\_\_\_\_\_

6. \_\_\_\_\_

7) Start at 18 and create a pattern with the rule add 10.  
 What is the fifth number in the pattern?

\_\_\_\_\_

7. \_\_\_\_\_

8) Start at 44 and create a pattern with the rule add 6.  
 What is the sixth number in the pattern?

\_\_\_\_\_

8. \_\_\_\_\_

9) Start at 47 and create a pattern with the rule add 5.  
 What is the fifth number in the pattern?

\_\_\_\_\_

9. \_\_\_\_\_

10) Start at 102 and create a pattern with the rule subtract 9.  
 What is the fifth number in the pattern?

\_\_\_\_\_

10. \_\_\_\_\_



**Create a pattern then find the number in the pattern.**

**Answers**

**Ex)** Start at 46 and create a pattern with the rule subtract 6.  
What is the fourth number in the pattern?

46   40   34   28   22   16

Ex. 28

**1)** Start at 9 and create a pattern with the rule add 2.  
What is the third number in the pattern?

9   11   13   15   17   19

1. 13

**2)** Start at 37 and create a pattern with the rule subtract 2.  
What is the fourth number in the pattern?

37   35   33   31   29   27

2. 31

**3)** Start at 23 and create a pattern with the rule add 2.  
What is the fifth number in the pattern?

23   25   27   29   31   33

3. 31

**4)** Start at 14 and create a pattern with the rule add 4.  
What is the sixth number in the pattern?

14   18   22   26   30   34

4. 34

**5)** Start at 93 and create a pattern with the rule subtract 8.  
What is the third number in the pattern?

93   85   77   69   61   53

5. 77

**6)** Start at 86 and create a pattern with the rule subtract 7.  
What is the fifth number in the pattern?

86   79   72   65   58   51

6. 58

**7)** Start at 18 and create a pattern with the rule add 10.  
What is the fifth number in the pattern?

18   28   38   48   58   68

7. 58

**8)** Start at 44 and create a pattern with the rule add 6.  
What is the sixth number in the pattern?

44   50   56   62   68   74

8. 74

**9)** Start at 47 and create a pattern with the rule add 5.  
What is the fifth number in the pattern?

47   52   57   62   67   72

9. 67

**10)** Start at 102 and create a pattern with the rule subtract 9.  
What is the fifth number in the pattern?

102   93   84   75   66   57

10. 66





**Create a pattern then find the number in the pattern.**

**Answers**

Ex) Start at 40 and create a pattern with the rule add 2.

40   42   44   46   48   50

What is the fifth number in the pattern?

Ex. 48

1) Start at 42 and create a pattern with the rule add 6.

\_\_\_\_\_

What is the fifth number in the pattern?

1. \_\_\_\_\_

2) Start at 34 and create a pattern with the rule add 9.

\_\_\_\_\_

What is the third number in the pattern?

2. \_\_\_\_\_

3) Start at 53 and create a pattern with the rule subtract 5.

\_\_\_\_\_

What is the third number in the pattern?

3. \_\_\_\_\_

4) Start at 58 and create a pattern with the rule subtract 3.

\_\_\_\_\_

What is the fourth number in the pattern?

4. \_\_\_\_\_

5) Start at 107 and create a pattern with the rule subtract 10.

\_\_\_\_\_

What is the sixth number in the pattern?

5. \_\_\_\_\_

6) Start at 86 and create a pattern with the rule subtract 7.

\_\_\_\_\_

What is the third number in the pattern?

6. \_\_\_\_\_

7) Start at 11 and create a pattern with the rule add 6.

\_\_\_\_\_

What is the fourth number in the pattern?

7. \_\_\_\_\_

8) Start at 41 and create a pattern with the rule add 10.

\_\_\_\_\_

What is the fifth number in the pattern?

8. \_\_\_\_\_

9) Start at 79 and create a pattern with the rule subtract 5.

\_\_\_\_\_

What is the third number in the pattern?

9. \_\_\_\_\_

10) Start at 68 and create a pattern with the rule subtract 3.

\_\_\_\_\_

What is the fifth number in the pattern?

10. \_\_\_\_\_



**Create a pattern then find the number in the pattern.**

**Answers**

Ex) Start at 40 and create a pattern with the rule add 2.  
What is the fifth number in the pattern?

40   42   44   46   48   50

Ex. 48

1) Start at 42 and create a pattern with the rule add 6.  
What is the fifth number in the pattern?

42   48   54   60   66   72

1. 66

2) Start at 34 and create a pattern with the rule add 9.  
What is the third number in the pattern?

34   43   52   61   70   79

2. 52

3) Start at 53 and create a pattern with the rule subtract 5.  
What is the third number in the pattern?

53   48   43   38   33   28

3. 43

4) Start at 58 and create a pattern with the rule subtract 3.  
What is the fourth number in the pattern?

58   55   52   49   46   43

4. 49

5) Start at 107 and create a pattern with the rule subtract 10.  
What is the sixth number in the pattern?

107   97   87   77   67   57

5. 57

6) Start at 86 and create a pattern with the rule subtract 7.  
What is the third number in the pattern?

86   79   72   65   58   51

6. 72

7) Start at 11 and create a pattern with the rule add 6.  
What is the fourth number in the pattern?

11   17   23   29   35   41

7. 29

8) Start at 41 and create a pattern with the rule add 10.  
What is the fifth number in the pattern?

41   51   61   71   81   91

8. 81

9) Start at 79 and create a pattern with the rule subtract 5.  
What is the third number in the pattern?

79   74   69   64   59   54

9. 69

10) Start at 68 and create a pattern with the rule subtract 3.  
What is the fifth number in the pattern?

68   65   62   59   56   53

10. 56



**Create a pattern then find the number in the pattern.**

**Answers**

**Ex)** Start at 71 and create a pattern with the rule subtract 8.  
What is the sixth number in the pattern?

71   63   55   47   39   31

Ex. 31

**1)** Start at 73 and create a pattern with the rule subtract 9.  
What is the fourth number in the pattern?

\_\_\_\_\_

1. \_\_\_\_\_

**2)** Start at 28 and create a pattern with the rule add 8.  
What is the third number in the pattern?

\_\_\_\_\_

2. \_\_\_\_\_

**3)** Start at 56 and create a pattern with the rule subtract 6.  
What is the fifth number in the pattern?

\_\_\_\_\_

3. \_\_\_\_\_

**4)** Start at 46 and create a pattern with the rule add 8.  
What is the sixth number in the pattern?

\_\_\_\_\_

4. \_\_\_\_\_

**5)** Start at 6 and create a pattern with the rule add 4.  
What is the fourth number in the pattern?

\_\_\_\_\_

5. \_\_\_\_\_

**6)** Start at 47 and create a pattern with the rule add 2.  
What is the sixth number in the pattern?

\_\_\_\_\_

6. \_\_\_\_\_

**7)** Start at 82 and create a pattern with the rule subtract 9.  
What is the fifth number in the pattern?

\_\_\_\_\_

7. \_\_\_\_\_

**8)** Start at 81 and create a pattern with the rule subtract 9.  
What is the fourth number in the pattern?

\_\_\_\_\_

8. \_\_\_\_\_

**9)** Start at 35 and create a pattern with the rule add 9.  
What is the third number in the pattern?

\_\_\_\_\_

9. \_\_\_\_\_

**10)** Start at 61 and create a pattern with the rule subtract 7.  
What is the fourth number in the pattern?

\_\_\_\_\_

10. \_\_\_\_\_



**Create a pattern then find the number in the pattern.**

**Answers**

Ex) Start at 71 and create a pattern with the rule subtract 8.  
What is the sixth number in the pattern?

71   63   55   47   39   31

Ex. 31

1) Start at 73 and create a pattern with the rule subtract 9.  
What is the fourth number in the pattern?

73   64   55   46   37   28

1. 46

2) Start at 28 and create a pattern with the rule add 8.  
What is the third number in the pattern?

28   36   44   52   60   68

2. 44

3) Start at 56 and create a pattern with the rule subtract 6.  
What is the fifth number in the pattern?

56   50   44   38   32   26

3. 32

4) Start at 46 and create a pattern with the rule add 8.  
What is the sixth number in the pattern?

46   54   62   70   78   86

4. 86

5) Start at 6 and create a pattern with the rule add 4.  
What is the fourth number in the pattern?

6   10   14   18   22   26

5. 18

6) Start at 47 and create a pattern with the rule add 2.  
What is the sixth number in the pattern?

47   49   51   53   55   57

6. 57

7) Start at 82 and create a pattern with the rule subtract 9.  
What is the fifth number in the pattern?

82   73   64   55   46   37

7. 46

8) Start at 81 and create a pattern with the rule subtract 9.  
What is the fourth number in the pattern?

81   72   63   54   45   36

8. 54

9) Start at 35 and create a pattern with the rule add 9.  
What is the third number in the pattern?

35   44   53   62   71   80

9. 53

10) Start at 61 and create a pattern with the rule subtract 7.  
What is the fourth number in the pattern?

61   54   47   40   33   26

10. 40