



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**3, 6, 9, 12, 15, 18, 21** ... This number pattern shows counting forwards by **3s**.

Are these patterns counting forwards or backwards? By how much? Find the patterns and describe them.

**60, 66, 72, 78, 84, 90, 96** This number pattern shows counting \_\_\_\_\_

**42, 39, 36, 33, 30, 27, 24** This number pattern shows counting \_\_\_\_\_

**82, 78, 74, 70, 66, 62, 58** This number pattern shows counting \_\_\_\_\_

**11, 20, 29, 38, 47, 56, 65** This number pattern shows counting \_\_\_\_\_

**97, 91, 85, 79, 73, 67, 61** This number pattern shows counting \_\_\_\_\_

**33, 40, 47, 54, 61, 68, 75** This number pattern shows counting \_\_\_\_\_

**47, 51, 55, 59, 63, 67, 71** This number pattern shows counting \_\_\_\_\_

**75, 78, 81, 84, 87, 90, 93** This number pattern shows counting \_\_\_\_\_



## PREVIEW

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**88, 82, 76, 70, 64,** \_\_\_\_\_ **35, 38, 41, 44, 47**

**95, 91, 87, 83, 79,** \_\_\_\_\_ **79, 81, 83, 85, 87,** \_\_\_\_\_

\_\_\_\_\_ **44, 37, 30, 23, 16** **38, 42, 46, 50, 54,** \_\_\_\_\_

**94, 86, 78, 70, 62,** \_\_\_\_\_ **46, 51, 56, 61, 66**

**236, 230, 224, 218, 212,** \_\_\_\_\_

**436, 444, 452, 460, 468,** \_\_\_\_\_

**702, 705, 708, 711, 714,** \_\_\_\_\_

**1,420, 1,410, 1,400, 1,390, 1,380,** \_\_\_\_\_

**2,004, 2,008, 2,012, 2,016, 2,020,** \_\_\_\_\_

**5,068, 5,070, 5,072, 5,074, 5,076,** \_\_\_\_\_



## ANSWER KEY

**3, 6, 9, 12, 15, 18, 21 ...** This number pattern shows counting forwards by **3s**.

Are these patterns counting forwards or backwards? By how much? Find the patterns and describe them.

- |                                   |                                    |                        |
|-----------------------------------|------------------------------------|------------------------|
| <b>60, 66, 72, 78, 84, 90, 96</b> | This number pattern shows counting | <u>forwards by 6s</u>  |
| <b>42, 39, 36, 33, 30, 27, 24</b> | This number pattern shows counting | <u>backwards by 3s</u> |
| <b>82, 78, 74, 70, 66, 62, 58</b> | This number pattern shows counting | <u>backwards by 4s</u> |
| <b>11, 20, 29, 38, 47, 56, 65</b> | This number pattern shows counting | <u>forwards by 9s</u>  |
| <b>97, 91, 85, 79, 73, 67, 61</b> | This number pattern shows counting | <u>backwards by 6s</u> |
| <b>33, 40, 47, 54, 61, 68, 75</b> | This number pattern shows counting | <u>forwards by 7s</u>  |
| <b>47, 51, 55, 59, 63, 67, 71</b> | This number pattern shows counting | <u>forwards by 4s</u>  |
| <b>75, 78, 81, 84, 87, 90, 93</b> | This number pattern shows counting | <u>forwards by 3s</u>  |



## PREVIEW

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- |  |   |
|--|---|
| <u>1, 12, 24, 31, 40, 49, 58, 67, 76</u>                                     | <u>74, 83, 94, 99, 94, 47, 44, 27, 24</u> |
| <u>88, 82, 76, 70, 64, 58, 52, 46, 40</u>                                    | <u>23, 26, 29, 32, 35, 38, 41, 44, 47</u> |
| <u>95, 91, 87, 83, 79, 75, 71, 67, 63</u>                                    | <u>79, 81, 83, 85, 87, 89, 71, 73, 75</u> |
| <u>72, 65, 58, 51, 44, 37, 30, 23, 16</u>                                    | <u>38, 42, 46, 50, 54, 58, 62, 66, 70</u> |
| <u>94, 86, 78, 70, 62, 54, 46, 38, 30</u>                                    | <u>26, 31, 36, 41, 46, 51, 56, 61, 66</u> |
| <u>236, 230, 224, 218, 212, 206, 200, 194, 188, 182, 176, 170, 164, 158</u>  |   |
| <u>436, 444, 452, 460, 468, 476, 484, 492, 500, 508, 516, 524, 532, 540</u>  |   |
| <u>702, 705, 708, 711, 714, 474, 482, 490, 498, 504, 512, 520, 528, 534</u>  |   |
| <u>1,420, 1,410, 1,400, 1,390, 1,380, 1370, 1360, 1350, 1340, 1330, 1320</u> |   |
| <u>2,004, 2,008, 2,012, 2,016, 2,020, 2024, 2028, 2032, 2036, 2040, 2044</u> |   |
| <u>5,068, 5,070, 5,072, 5,074, 5,076, 5078, 5080, 5082, 5084, 5086, 5088</u> |   |