

Creating Patterns

Name:

| Crea | | Answers | | |
|------|--|-------------------|------------------------------------|----|
| Ex) | Start at 75 and create a pattern with the rule subtract 9. What is the third number in the pattern? | 75 66 57 48 39 30 | Ex | 57 |
| 1) | Start at 25 and create a pattern with the rule add 6. What is the third number in the pattern? | | 1. ₋ | |
| 2) | Start at 89 and create a pattern with the rule subtract 8. What is the sixth number in the pattern? | | 3 | |
| 3) | Start at 12 and create a pattern with the rule add 10. What is the third number in the pattern? | | 4 5 | |
| 4) | Start at 60 and create a pattern with the rule subtract 8. What is the sixth number in the pattern? | | 6. ₋ 7. ₋ | |
| 5) | Start at 42 and create a pattern with the rule add 10. What is the fourth number in the pattern? | | 8 9 | |
| 6) | Start at 36 and create a pattern with the rule subtract 5. What is the fourth number in the pattern? | | 10 | |
| 7) | Start at 4 and create a pattern with the rule add 9. What is the fifth number in the pattern? | | | |
| 8) | Start at 66 and create a pattern with the rule subtract 9. What is the fourth number in the pattern? | | | |
| 9) | Start at 9 and create a pattern with the rule add 4. What is the sixth number in the pattern? | | | |
| 10) | Start at 32 and create a pattern with the rule subtract 4. What is the fifth number in the pattern? | | | |
| | | | | |



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Name:

Answer Key

| Create a pattern then find the number in the pattern. | | | | | | | | Answers | |
|---|---|----|-----|-----------|----|-----------|----|---------|----|
| Ex) | Start at 75 and create a pattern with the rule subtract 9. What is the third number in the pattern? | 75 | 66 | 57 | 48 | 39 | 30 | Ex | 57 |
| 1) | | | | | | | | 1. | 37 |
| 1) | Start at 25 and create a pattern with the rule add 6. | 25 | 21 | 27 | 12 | 40 | 55 | 2. | 49 |
| | What is the third number in the pattern? | 25 | 31 | 37 | 43 | 49 | | - | 32 |
| 2) | Start at 89 and create a pattern with the rule subtract 8. | | | | | | | 3 | |
| | What is the sixth number in the pattern? | 89 | 81 | 73 | 65 | _57 | 49 | 4 | 20 |
| 3) | Start at 12 and create a pattern with the rule add 10. | | | | | | | 5 | 72 |
| | What is the third number in the pattern? | 12 | _22 | 32 | 42 | 52 | 62 | 6. | 21 |
| 4) | Start at 60 and create a pattern with the rule subtract 8. | | | | | | | 7. | 40 |
| | What is the sixth number in the pattern? | 60 | 52 | 44 | 36 | 28 | | 8. | 39 |
| 5) | Start at 42 and create a pattern with the rule | | | | | | | 8 | |
| | add 10. What is the fourth number in the pattern? | 42 | 52 | 62 | 72 | 82 | 92 | 9 | 29 |
| 6) | Start at 36 and create a pattern with the rule | | | | | | | 10 | 16 |
| | subtract 5. What is the fourth number in the pattern? | 36 | 31 | 26 | 21 | 16 | 11 | | |
| 7) | Start at 4 and create a pattern with the rule | | | | | | | | |
| | add 9. What is the fifth number in the pattern? | 4 | 13 | 22 | 31 | 40 | 49 | | |
| 8) | Start at 66 and create a pattern with the rule | | | | | | | | |
| 9, | subtract 9. What is the fourth number in the pattern? | 66 | 57 | 48 | 39 | 30 | 21 | | |
| 0) | - | | | | | | | | |
| 9) | Start at 9 and create a pattern with the rule add 4. | | | | | | | | |
| | What is the sixth number in the pattern? | 9 | 13 | <u>17</u> | 21 | 25 | | | |
| 10) | Start at 32 and create a pattern with the rule subtract 4. | | | | | | | | |
| | What is the fifth number in the pattern? | 32 | 28 | 24 | 20 | <u>16</u> | 12 | | |
| | | | | | | | | | |

1-10 90 80 70 60 50 40 30 20 10 0

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