

Q2 (Problem Solving) Day 87 Name: _____

1. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 2 more sandcastles than the day before**. They built **9 sandcastles** on their **third day** on holiday. **How many sandcastles** did the child build on her **first day** on holiday? Write your answer in the space below.

_____ sandcastles

2. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 3 more sandcastles than the day before**. They built **10 sandcastles** on their **second day** on holiday. **How many sandcastles** did the child build on her **fifth day** on holiday? Write your answer in the space below.

_____ sandcastles

3. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 4 more sandcastles than the day before**. They built **11 sandcastles** on their **fourth day** on holiday. **How many sandcastles** did the child build on her **second day** on holiday? Write your answer in the space below.

_____ sandcastles

4. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 5 more sandcastles than the day before**. They built **12 sandcastles** on their **first day** on holiday. **How many sandcastles** did the child build on her **fourth day** on holiday? Write your answer in the space below.

_____ sandcastles

5. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 6 more sandcastles than the day before**. They built **13 sandcastles** on their **fifth day** on holiday. **How many sandcastles** did the child build on her **eighth day** on holiday? Write your answer in the space below.

_____ sandcastles

6. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 7 more sandcastles than the day before**. They built **28 sandcastles** on their **seventh day** on holiday. **How many sandcastles** did the child build on her **fourth day** on holiday? Write your answer in the space below.

_____ sandcastles

7. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 8 more sandcastles than the day before**. They built **15 sandcastles** on their **sixth day** on holiday. **How many sandcastles** did the child build on her **tenth day** on holiday? Write your answer in the space below.

_____ sandcastles

8. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 9 more sandcastles than the day before**. They built **43 sandcastles** on their **eighth day** on holiday. **How many sandcastles** did the child build on her **fourth day** on holiday? Write your answer in the space below.

_____ sandcastles

9. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 10 more sandcastles than the day before**. They built **17 sandcastles** on their **ninth day** on holiday. **How many sandcastles** did the child build on her **sixteenth day** on holiday? Write your answer in the space below.

_____ sandcastles

10. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 11 more sandcastles than the day before**. They built **54 sandcastles** on their **eleventh day** on holiday. **How many sandcastles** did the child build on her **eighth day** on holiday? Write your answer in the space below.

_____ sandcastles

11. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 12 more sandcastles than the day before**. They built **19 sandcastles** on their **tenth day** on holiday. **How many sandcastles** did the child build on her **sixteenth day** on holiday? Write your answer in the space below.

_____ sandcastles

12. A child is **building sandcastles every day** while on holiday. Each day of her holiday **they built 13 more sandcastles than the day before**. They built **143 sandcastles** on their **twelfth day** on holiday. **How many sandcastles** did the child build on her **fourth day** on holiday? Write your answer in the space below.

_____ sandcastles

Answers

1. 5
2. 19
3. 3
4. 27
5. 31
6. 7
7. 47
8. 7
9. 87
- 10.21
- 11.91
- 12.39