MPM 1D: Representations Activity






 FIGURE 1 FIGURE 2 FIGURE 3

Jo runs a window washing service. She charges a flat rate of $5, plus $3 per window.

Chris starts with $50 in his bank account. He takes out $2.50 at the end of each week to buy hot chocolate from the cafeteria.

3, 7, 11, 15, 19, …

8, 5, 2, -1, …

|  |  |
| --- | --- |
| input | output |
| 1 | 5 |
| 2 | 8 |
| 3 | 11 |
| 4 | 14 |

|  |  |
| --- | --- |
| Time(s) | # cubes linked |
| 1 | 3 |
| 2 | 5 |
| 3 | 7 |
| 4 | 9 |

T = 4n + 3

C = 3p + 1





|  |  |
| --- | --- |
| Time(s) | Height of balloon (m) |
| 0 | 10 |
| 10 | 12 |
| 20 | 14 |
| 30 | 16 |

|  |  |
| --- | --- |
| # visitors | # Timbits left |
| 5 | 50 |
| 10 | 40 |
| 15 | 30 |
| 20 | 20 |