

## Izzi Math Challenge 2024 - Grade 5

### Part 1 - Answers

1. a)  $b + w - g$
2. e)  $\sqrt[3]{64}$
3. c) 360
4. b) -13.5
5. a) 35
6. b) 0.125
7. c) A room
8. e) N
9. b) A child aged 11. (9) years can go onto the ride.
10. e) 8 vertices, 16 edges, 11 faces

## Part 2 - Answers

11. 2162

12. At least two of the following shapes:



13. 650mL

14. Accurate drawing;  $6.1\text{cm} \pm 0.1\text{cm}$

15.  $12.5\text{cm}^2$  ; The area of the triangle will quadruple ; It is not possible, because the area of the triangle will always be half of a square number