



BASIC: SET A

Allowed Operators

+ - *

SOLUTIONS

CHALLENGE # 1A

Targets **2 5 6**

Gate	Equation
#1	$(2 * 5) + 6 = 16$
#2	$(6 - 2) * 5 = 20$
#3	$(5 + 6) * 2 = 22$
#4	$(5 * 6) - 2 = 28$

CHALLENGE # 2A

Targets **3 4 5**

Gate	Equation
#1	$(3 * 5) - 4 = 11$
#2	$(3 * 5) + 4 = 19$
#3	$(4 * 5) + 3 = 23$
#4	$(4 + 5) * 3 = 27$



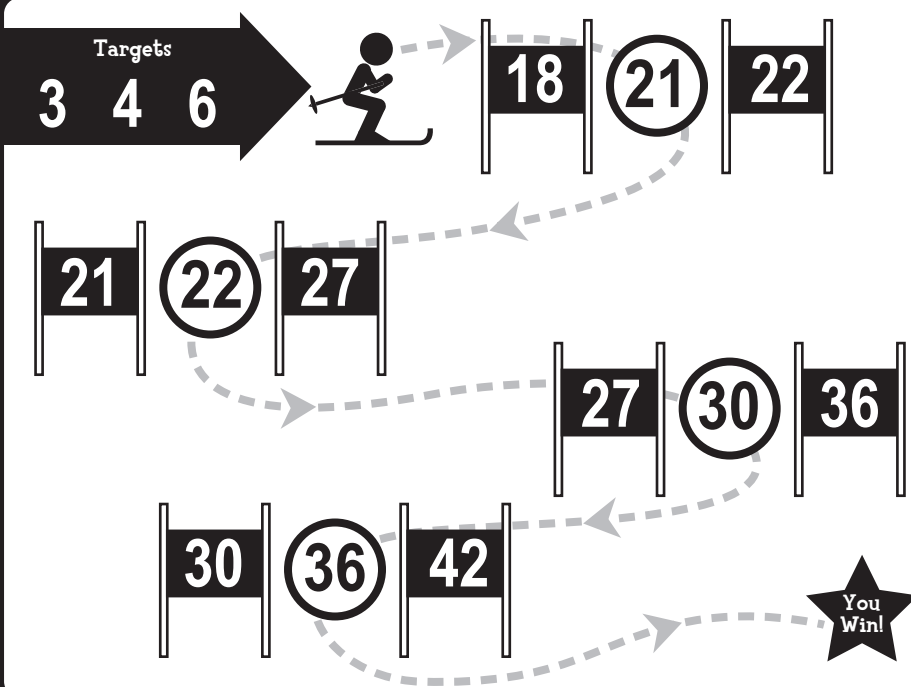
BASIC: SET B

Allowed Operators

+ - *

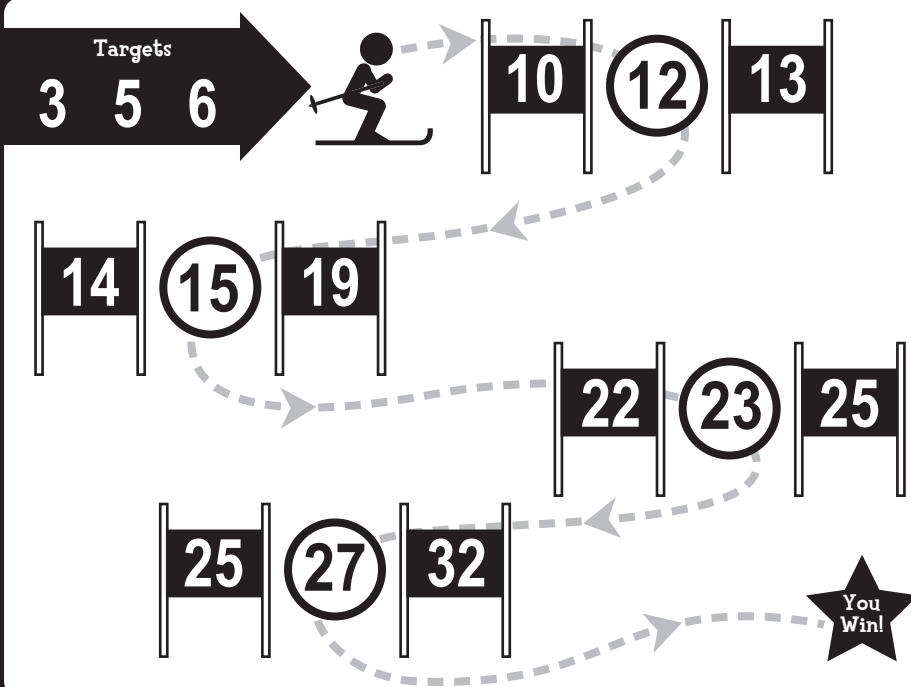
SOLUTIONS

CHALLENGE # 1B



Gate	Equation
#1	$(4 * 6) - 3 = 21$
#2	$(3 * 6) + 4 = 22$
#3	$(4 + 6) * 3 = 30$
#4	$(3 + 6) * 4 = 36$

CHALLENGE # 2B



Gate	Equation
#1	$(5 - 3) * 6 = 12$
#2	$(6 - 3) * 5 = 15$
#3	$(3 * 6) + 5 = 23$
#4	$(5 * 6) - 3 = 27$