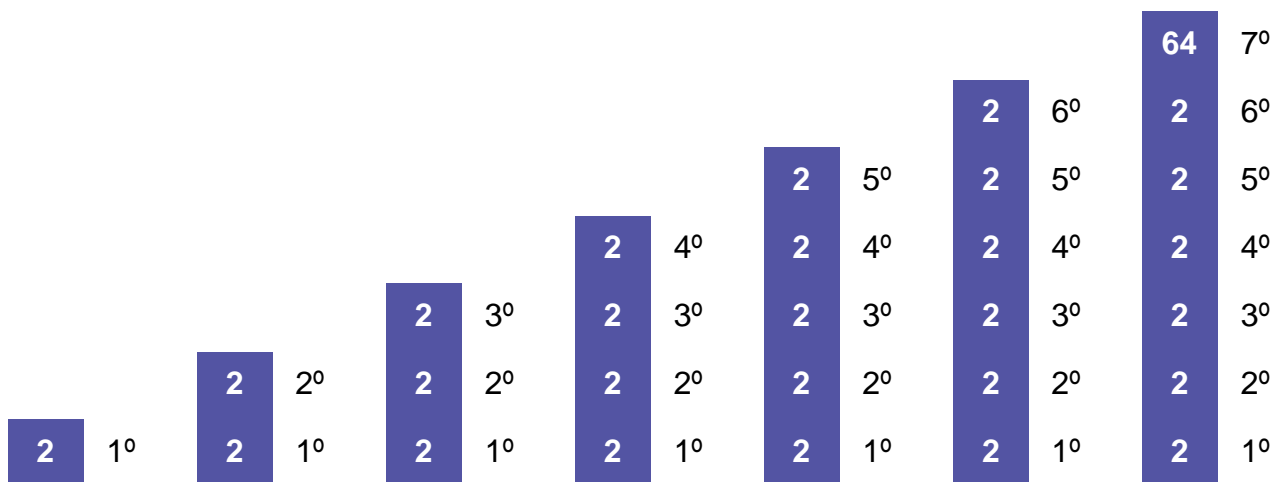


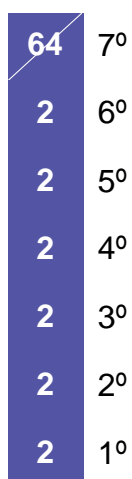
Mostrar passo-a-passo a seguinte simulação em uma Pilha:

- 1) Inserir números de 1 a 7;
- 2) Remover um número (a);
- 3) Remover outro número (b);
- 4) Dividir a/b e empilhar o resultado;
- 5) Repetir 2, 3 e 4 até restar apenas um elemento na pilha.

1)

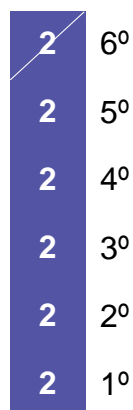


2)



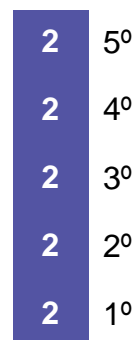
a = 64

3)

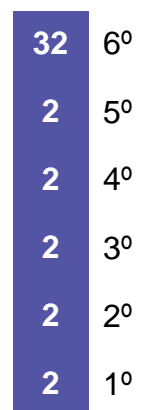


b = 2

4)



a / b = x
64 / 2 = 32



5.1)

32	6 ⁰
2	5 ⁰
2	4 ⁰
2	3 ⁰
2	2 ⁰
2	1 ⁰

$$a / b = x$$

$$32 / 2 = 16$$

16	5 ⁰
2	4 ⁰
2	3 ⁰
2	2 ⁰
2	1 ⁰

5.2)

16	5 ⁰
2	4 ⁰
2	3 ⁰
2	2 ⁰
2	1 ⁰

$$a / b = x$$

$$16 / 2 = 8$$

8	4 ⁰
2	3 ⁰
2	2 ⁰
2	1 ⁰

5.3)

8	4 ⁰
2	3 ⁰
2	2 ⁰
2	1 ⁰

$$a / b = x$$

$$8 / 2 = 4$$

4	3 ⁰
2	2 ⁰
2	1 ⁰

5.4)

4	3 ⁰
2	2 ⁰
2	1 ⁰

$$a / b = x$$

$$4 / 2 = 2$$

2	2 ⁰
2	1 ⁰

5.5)

2	2 ⁰
2	1 ⁰

$$a / b = x$$

$$2 / 2 = 1$$

1	1 ⁰
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