

Nome : _____

INFORMAÇÃO : _____

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A Maria e o Joel são muito rápidos a efetuar cálculos. Eles dizem que têm um truque.



Começa por adicionar os números que dão uma dezena certa.

É mais fácil quando adicionamos números redondos: 10, 20, 30... 100, 200...



1 – Realiza as adições seguindo a estratégia da Maria e do Joel. Observa os exemplos.

$$12 + \textcircled{6} + 23 + \textcircled{4} = 12 + \textcircled{10} + 23 = 22 + 23 = 45$$

1.1. – $17 + 7 + 41 + 3 = \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$

$$76 + \textcircled{23} + \textcircled{17} = 76 + \textcircled{20} + \textcircled{20} = 76 + \textcircled{40} = 116$$

1.2. – $26 + 35 + 15 = \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$

2 – Completa as colunas com adições cujo total seja o número redondo apresentado no início de cada uma.

10	30	50	100
___ + 1	29 + ___	___ + 1	99 + ___
___ + 2	28 + ___	___ + ___	___ + ___
___ + 3	27 + ___	___ + ___	___ + ___

3 – Copia e realiza as seguintes adições no teu caderno.

$8 + 15 + 2 + 12 = \underline{\quad}$

$65 + 27 + 5 + 3 = \underline{\quad}$

$149 + 50 + 1 = \underline{\quad}$

$99 + 25 + 5 + 1 = \underline{\quad}$

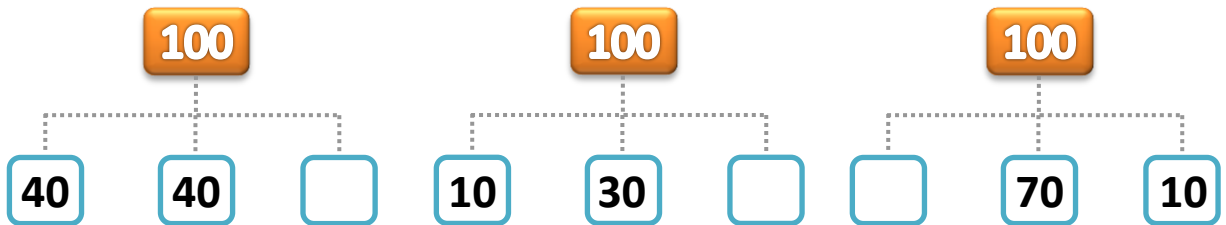
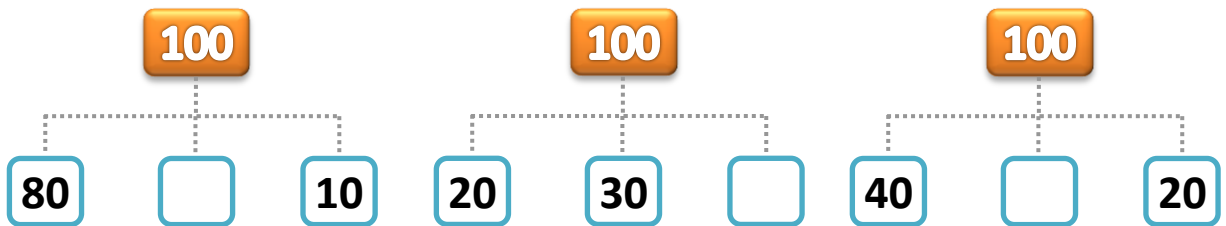
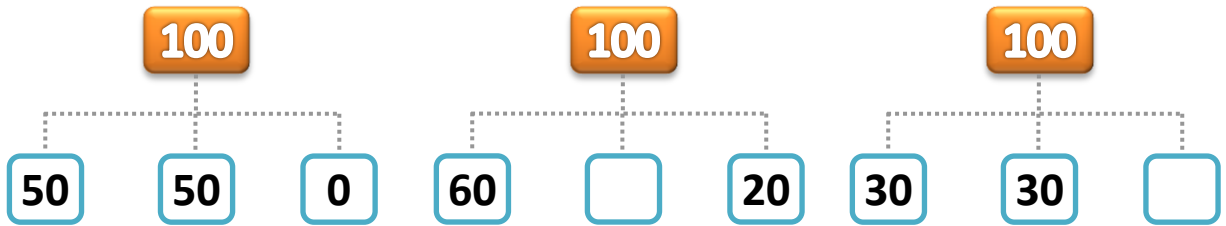
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AMIGOS DO 100 10+90 20+80 30+70 40+60 50+50 100+0

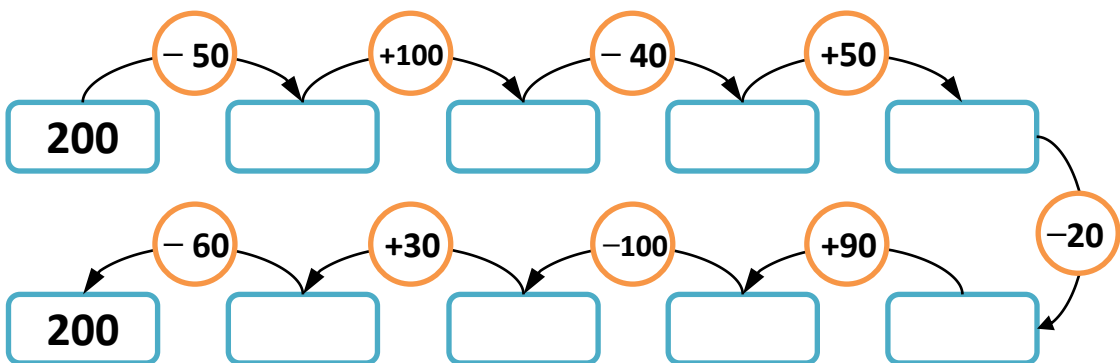
1 – Decompõe os números amigos do 100.



Duzentos

$200 = 100 + 100 =$

2 – Completa.



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AMIGOS DO 100 10+90 20+80 30+70 40+60 50+50 100+0

1 – Decompõe os números amigos do 100.

100	100	100
□ □ □	□ □ □	□ □ □
100	100	100
□ □ □	□ □ □	□ □ □
100	100	100
□ □ □	□ □ □	□ □ □
100	100	100
□ □ □	□ □ □	□ □ □

2 – Completa.

300	□	□	□	□
300	□	□	□	□

Arrows and labels between boxes:

- 300 to □: -50
- to □: +100
- to □: -40
- to □: +50
- to □: -20
- 300 to □: -60
- to □: +30
- to □: -100
- to □: +90

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1 – Soma um par de números só com um algarismo, passando pelo 100.

$$60 + 70 = \boxed{60 + 40} + 30 = \boxed{100} + 30 = 130$$

$$20 + 90 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$30 + 80 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$40 + 90 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$70 + 70 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$50 + 60 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$40 + 80 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$30 + 90 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$50 + 80 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$60 + 80 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$70 + 80 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$50 + 90 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$50 + 70 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

$$40 + 70 = \underline{\quad} + \underline{\quad} + \underline{\quad} = 100 + \underline{\quad} = \underline{\quad}$$

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1 – Calcula as adições em 1 minuto.

$20 + 40 = \underline{\quad}$

$70 + 70 = \underline{\quad}$

$90 + 70 = \underline{\quad}$

$80 + 70 = \underline{\quad}$

$40 + 70 = \underline{\quad}$

$50 + 70 = \underline{\quad}$

$40 + 40 = \underline{\quad}$

$30 + 50 = \underline{\quad}$

$50 + 80 = \underline{\quad}$

$60 + 90 = \underline{\quad}$

$90 + 80 = \underline{\quad}$

$50 + 50 = \underline{\quad}$

2 – Calcula as adições em 3 minutos.

$80 + 50 = \underline{\quad}$

$20 + 30 = \underline{\quad}$

$30 + 60 = \underline{\quad}$

$80 + 90 = \underline{\quad}$

$30 + 30 = \underline{\quad}$

$50 + 40 = \underline{\quad}$

$60 + 30 = \underline{\quad}$

$20 + 70 = \underline{\quad}$

$60 + 50 = \underline{\quad}$

$70 + 40 = \underline{\quad}$

$20 + 50 = \underline{\quad}$

$60 + 40 = \underline{\quad}$

$20 + 90 = \underline{\quad}$

$30 + 80 = \underline{\quad}$

$20 + 80 = \underline{\quad}$

$60 + 70 = \underline{\quad}$

$30 + 10 = \underline{\quad}$

$40 + 80 = \underline{\quad}$

$50 + 60 = \underline{\quad}$

$90 + 90 = \underline{\quad}$

$50 + 30 = \underline{\quad}$

$20 + 60 = \underline{\quad}$

$70 + 90 = \underline{\quad}$

$60 + 80 = \underline{\quad}$

$40 + 90 = \underline{\quad}$

$30 + 40 = \underline{\quad}$

$90 + 50 = \underline{\quad}$

$30 + 20 = \underline{\quad}$

$40 + 50 = \underline{\quad}$

$30 + 70 = \underline{\quad}$

$40 + 30 = \underline{\quad}$

$60 + 60 = \underline{\quad}$

$50 + 10 = \underline{\quad}$

3 – Calcula as adições em 2 minutos.

$150 + 10 = \underline{\quad}$

$20 + 180 = \underline{\quad}$

$60 + 120 = \underline{\quad}$

$190 + 30 = \underline{\quad}$

$100 + 40 = \underline{\quad}$

$40 + 100 = \underline{\quad}$

$120 + 120 = \underline{\quad}$

$120 + 100 = \underline{\quad}$

$100 + 80 = \underline{\quad}$

$50 + 150 = \underline{\quad}$

$110 + 110 = \underline{\quad}$

$20 + 170 = \underline{\quad}$

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1 – Calcula as subtrações em 1 minuto.

$50 - 50 = \underline{\quad}$

$80 - 30 = \underline{\quad}$

$90 - 50 = \underline{\quad}$

$70 - 50 = \underline{\quad}$

$50 - 40 = \underline{\quad}$

$80 - 50 = \underline{\quad}$

$90 - 70 = \underline{\quad}$

$90 - 30 = \underline{\quad}$

$50 - 20 = \underline{\quad}$

$70 - 30 = \underline{\quad}$

$50 - 10 = \underline{\quad}$

$80 - 40 = \underline{\quad}$

2 – Calcula as subtrações em 5 minutos.

$120 - 50 = \underline{\quad}$

$170 - 70 = \underline{\quad}$

$170 - 90 = \underline{\quad}$

$160 - 80 = \underline{\quad}$

$140 - 30 = \underline{\quad}$

$120 - 30 = \underline{\quad}$

$120 - 40 = \underline{\quad}$

$160 - 70 = \underline{\quad}$

$170 - 50 = \underline{\quad}$

$120 - 90 = \underline{\quad}$

$160 - 50 = \underline{\quad}$

$150 - 90 = \underline{\quad}$

$100 - 60 = \underline{\quad}$

$200 - 30 = \underline{\quad}$

$110 - 50 = \underline{\quad}$

$150 - 60 = \underline{\quad}$

$180 - 80 = \underline{\quad}$

$180 - 30 = \underline{\quad}$

$190 - 30 = \underline{\quad}$

$150 - 80 = \underline{\quad}$

$190 - 50 = \underline{\quad}$

$100 - 40 = \underline{\quad}$

$110 - 70 = \underline{\quad}$

$110 - 60 = \underline{\quad}$

$120 - 70 = \underline{\quad}$

$140 - 70 = \underline{\quad}$

$110 - 30 = \underline{\quad}$

$180 - 60 = \underline{\quad}$

$130 - 70 = \underline{\quad}$

$130 - 40 = \underline{\quad}$

$180 - 90 = \underline{\quad}$

$100 - 70 = \underline{\quad}$

$160 - 90 = \underline{\quad}$

3 – Calcula as subtrações em 3 minutos.

$230 - 180 = \underline{\quad}$

$200 - 140 = \underline{\quad}$

$170 - 120 = \underline{\quad}$

$230 - 200 = \underline{\quad}$

$150 - 140 = \underline{\quad}$

$220 - 180 = \underline{\quad}$

$180 - 150 = \underline{\quad}$

$140 - 110 = \underline{\quad}$

$240 - 100 = \underline{\quad}$

$230 - 100 = \underline{\quad}$

$250 - 130 = \underline{\quad}$

$200 - 160 = \underline{\quad}$

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1 – Calcula.

$200 + 10 - 50 = \underline{\quad}$ $200 + 50 - 80 = \underline{\quad}$ $20 + 60 - 20 = \underline{\quad}$

$130 + 60 - 20 = \underline{\quad}$ $140 + 50 - 30 = \underline{\quad}$ $90 + 70 - 50 = \underline{\quad}$

$190 + 70 - 30 = \underline{\quad}$ $190 + 30 - 50 = \underline{\quad}$ $70 + 50 - 30 = \underline{\quad}$

$190 + 50 - 70 = \underline{\quad}$ $170 + 60 - 30 = \underline{\quad}$ $20 + 90 - 40 = \underline{\quad}$

$100 + 70 - 20 = \underline{\quad}$ $150 + 40 - 70 = \underline{\quad}$ $30 + 30 - 10 = \underline{\quad}$

$170 + 40 - 50 = \underline{\quad}$ $160 + 60 - 40 = \underline{\quad}$ $90 + 30 - 60 = \underline{\quad}$

$180 + 60 - 50 = \underline{\quad}$ $190 + 80 - 30 = \underline{\quad}$ $90 + 90 - 20 = \underline{\quad}$

$180 + 70 - 20 = \underline{\quad}$ $100 + 90 - 20 = \underline{\quad}$ $20 + 50 - 10 = \underline{\quad}$



$160 + 30 - 40 = \underline{\quad}$ $150 + 70 - 30 = \underline{\quad}$ $90 + 60 - 80 = \underline{\quad}$

$100 + 50 - 30 = \underline{\quad}$ $140 + 60 - 70 = \underline{\quad}$ $20 + 40 - 10 = \underline{\quad}$

$180 + 60 - 30 = \underline{\quad}$ $200 + 70 - 30 = \underline{\quad}$ $50 + 40 - 70 = \underline{\quad}$

$100 + 80 - 30 = \underline{\quad}$ $130 + 90 - 40 = \underline{\quad}$ $70 + 30 - 50 = \underline{\quad}$

$150 + 30 - 10 = \underline{\quad}$ $200 + 30 - 80 = \underline{\quad}$ $60 + 60 - 60 = \underline{\quad}$

$140 + 80 - 50 = \underline{\quad}$ $160 + 70 - 50 = \underline{\quad}$ $80 + 60 - 70 = \underline{\quad}$

$170 + 70 - 30 = \underline{\quad}$ $120 + 50 - 60 = \underline{\quad}$ $40 + 30 - 60 = \underline{\quad}$

$170 + 40 - 10 = \underline{\quad}$ $170 + 30 - 50 = \underline{\quad}$ $30 + 30 - 20 = \underline{\quad}$

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1 – Completa.

$14 + 10 = \underline{\quad}$ $15 + 15 = \underline{\quad}$ $21 - 10 = \underline{\quad}$ $30 - 15 = \underline{\quad}$

$14 + 20 = \underline{\quad}$ $15 + 14 = \underline{\quad}$ $21 - 9 = \underline{\quad}$ $30 - 14 = \underline{\quad}$

$14 + 29 = \underline{\quad}$ $16 + 15 = \underline{\quad}$ $20 - 10 = \underline{\quad}$ $31 - 15 = \underline{\quad}$

$24 + 19 = \underline{\quad}$ $40 + 41 = \underline{\quad}$ $20 - 11 = \underline{\quad}$ $30 - 16 = \underline{\quad}$

$34 + 19 = \underline{\quad}$ $39 + 41 = \underline{\quad}$ $20 - 12 = \underline{\quad}$ $32 - 15 = \underline{\quad}$

$24 + 29 = \underline{\quad}$ $40 + 40 = \underline{\quad}$ $21 - 12 = \underline{\quad}$ $32 - 14 = \underline{\quad}$

2 – Liga os números cuja soma é 100.

80

70

15

55

30

40

90

85

60

20

45

10

3 – Completa.

$15 + 10 = \underline{\quad}$ $13 + 10 = \underline{\quad}$ $20 + 5 = \underline{\quad}$ $15 - 10 = \underline{\quad}$

$35 = 10 + \underline{\quad}$ $43 = 20 + \underline{\quad}$ $35 = 15 + \underline{\quad}$ $25 = \underline{\quad} - 10$

$65 + 10 = \underline{\quad}$ $13 + 30 = \underline{\quad}$ $20 + 25 = \underline{\quad}$ $35 - 10 = \underline{\quad}$

$95 = 10 = \underline{\quad}$ $53 = 40 + \underline{\quad}$ $50 = 35 + \underline{\quad}$ $45 = \underline{\quad} - 10$

$43 - 10 = \underline{\quad}$ $58 - 10 = \underline{\quad}$ $67 - 10 = \underline{\quad}$ $72 - 10 = \underline{\quad}$

$43 - \underline{\quad} = 33$ $58 - \underline{\quad} = 48$ $67 - \underline{\quad} = 57$ $72 - \underline{\quad} = 62$

$\underline{\quad} - 10 = 33$ $\underline{\quad} - 10 = 48$ $\underline{\quad} - 10 = 57$ $\underline{\quad} - 10 = 62$

$33 = 43 - \underline{\quad}$ $48 = 58 - \underline{\quad}$ $57 = 67 - \underline{\quad}$ $62 = 72 - \underline{\quad}$

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1 – Calcula mentalmente, adicionando primeiro os números que dão **100** ou **200**.

$80 + 20 + 50 = \underline{\quad} + \underline{\quad} = \underline{\quad}$	$120 + 0 + 80 = \underline{\quad} + \underline{\quad} = \underline{\quad}$
$70 + 60 + 30 = \underline{\quad} + \underline{\quad} = \underline{\quad}$	$60 + 70 + 40 = \underline{\quad} + \underline{\quad} = \underline{\quad}$
$50 + 80 + 50 = \underline{\quad} + \underline{\quad} = \underline{\quad}$	$110 + 0 + 90 = \underline{\quad} + \underline{\quad} = \underline{\quad}$
$10 + 90 + 70 = \underline{\quad} + \underline{\quad} = \underline{\quad}$	$100 + 50 + 50 = \underline{\quad} + \underline{\quad} = \underline{\quad}$

2 – Calcula, mentalmente, usando a estratégia dos exemplos.

$170 + 40 = 170 + 30 + 10 = 210$	$280 + 30 = \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$
$160 + 50 = 160 + 40 + 10 = \underline{\quad}$	$270 + 40 = \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$
$150 + 60 = \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$	$260 + 50 = \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

$120 - 30 = 120 - 20 - 10 = \underline{\quad}$	$240 - 50 = \underline{\quad} - \underline{\quad} - \underline{\quad} = \underline{\quad}$
$120 - 40 = 120 - 20 - \underline{\quad} = \underline{\quad}$	$240 - 60 = \underline{\quad} - \underline{\quad} - \underline{\quad} = \underline{\quad}$
$150 - 50 = \underline{\quad} - \underline{\quad} - \underline{\quad} = \underline{\quad}$	$240 - 70 = \underline{\quad} - \underline{\quad} - \underline{\quad} = \underline{\quad}$

3 – Completa, de modo a formares uma igualdade, tal como no exemplo.

$50 + 40 = 90$	$\underline{\quad} + 220 = 300$	$\underline{\quad} + 120 = 200$	$150 + \underline{\quad} = 200$
$100 + \underline{\quad} = 150$	$60 + \underline{\quad} = 90$	$\underline{\quad} + 250 = 300$	$\underline{\quad} + 150 = 200$
$\underline{\quad} + 100 = 200$	$120 + \underline{\quad} = 200$	$70 + \underline{\quad} = 100$	$\underline{\quad} + 180 = 300$
$100 + \underline{\quad} = 250$	$50 + \underline{\quad} = 80$	$\underline{\quad} + 350 = 400$	$\underline{\quad} + 200 = 400$

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1 – Completa.

$40 + 30 + \underline{\quad} = 100$

$10 + 40 + \underline{\quad} = 100$

$20 + 10 + \underline{\quad} = 100$

$30 + 30 + 30 + \underline{\quad} = 100$

$25 + 25 + 20 + \underline{\quad} = 100$

$40 + 10 + 40 + \underline{\quad} = 100$

$40 + 40 + \underline{\quad} = 100$

$80 + 10 + \underline{\quad} = 100$

$60 + 30 + \underline{\quad} = 100$

$100 - 90 = \underline{\quad}$

$100 - 50 = \underline{\quad}$

$100 - 10 = \underline{\quad}$

$100 - 95 = \underline{\quad}$

$100 - 85 = \underline{\quad}$

$100 - 75 = \underline{\quad}$

$100 - 5 = \underline{\quad}$

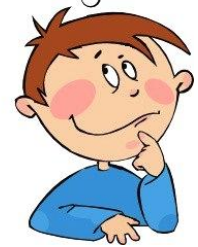
$100 - 15 = \underline{\quad}$

$100 - 25 = \underline{\quad}$

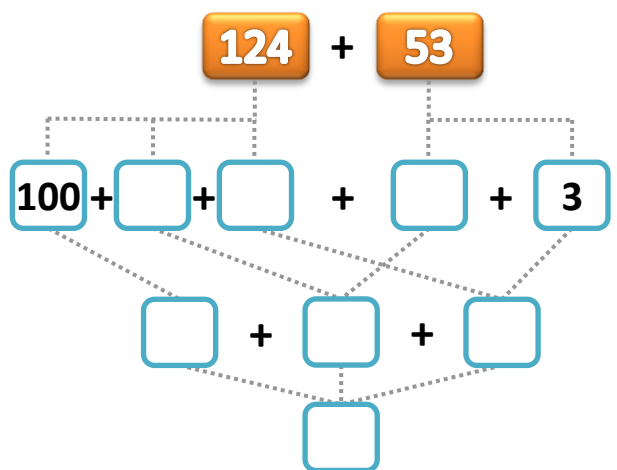
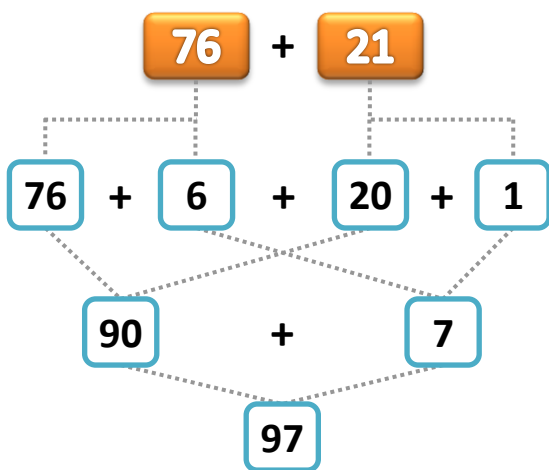
$95 + 5 = \underline{\quad}$

$85 + 15 = \underline{\quad}$

$75 + 25 = \underline{\quad}$



2 – Calcula as somas, seguindo a estratégia indicada no exemplo.



3 – Rodeia os números dois a dois, de modo que a sua soma seja 100.

85 45 91 36 79

15 55 9 61 21

27 73 39 64

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1 – Observa os exemplos e completa.

$101 = 100 + 1$

$105 = 100 + \underline{\quad}$

$107 = 100 + \underline{\quad}$

$109 = 100 + \underline{\quad}$

$103 = 100 + \underline{\quad}$

$102 = 100 + \underline{\quad}$

$110 = 100 + \underline{\quad}$

$108 = 100 = \underline{\quad}$

$100 + 10 = 110$

$100 + 50 = \underline{\quad}$

$100 + 30 = \underline{\quad}$

$100 + 70 = \underline{\quad}$

$100 + 90 = \underline{\quad}$

$100 + 20 = \underline{\quad}$

$100 + 80 = \underline{\quad}$

$100 + 40 = \underline{\quad}$

$100 + 5 = 105$

$100 + 15 = \underline{\quad}$

$100 + 45 = \underline{\quad}$

$100 + 35 = \underline{\quad}$

$100 + 55 = \underline{\quad}$

$100 + 25 = \underline{\quad}$

$100 + 75 = \underline{\quad}$

$100 + 95 = \underline{\quad}$

2 – Observa e continua os padrões.

$3 + 5 = 8$

$13 + 5 = 18$

$23 + 5 = \underline{\quad}$

$33 + 5 = \underline{\quad}$

$43 + 5 = \underline{\quad}$

$53 + 5 = \underline{\quad}$



$63 + 5 = \underline{\quad}$

$73 + 5 = \underline{\quad}$

$83 + 5 = \underline{\quad}$

$93 + 5 = \underline{\quad}$

$103 + 5 = \underline{\quad}$

$113 + 5 = \underline{\quad}$

3 – Usa o padrão do exemplo.

$2 + 3 = 5$

$20 + 30 = 50$

$200 + \underline{\quad} = \underline{\quad}$

$3 + 5 = 8$

$30 + \underline{\quad} = \underline{\quad}$

$200 + \underline{\quad} = \underline{\quad}$

$5 + 4 = 9$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

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1 – Soma primeiro os números que te ajudam a calcular mais rápido.
Observa o exemplo.

$$27 + 3 + 30 = 30 + 30 = 60$$

$$119 + 20 + 1 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$258 + 40 + 2 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

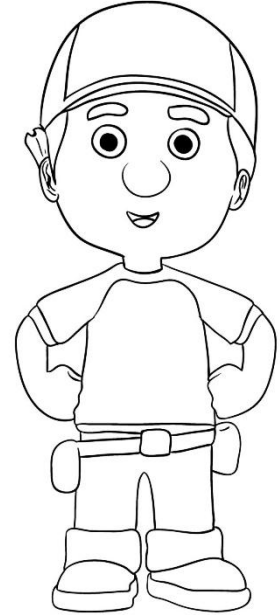
$$215 + 5 + 32 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$336 + 4 + 40 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$444 + 50 + 6 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$270 + 30 + 100 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$250 + 100 + 50 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$



2 – Descobre o valor das setas e completa.

