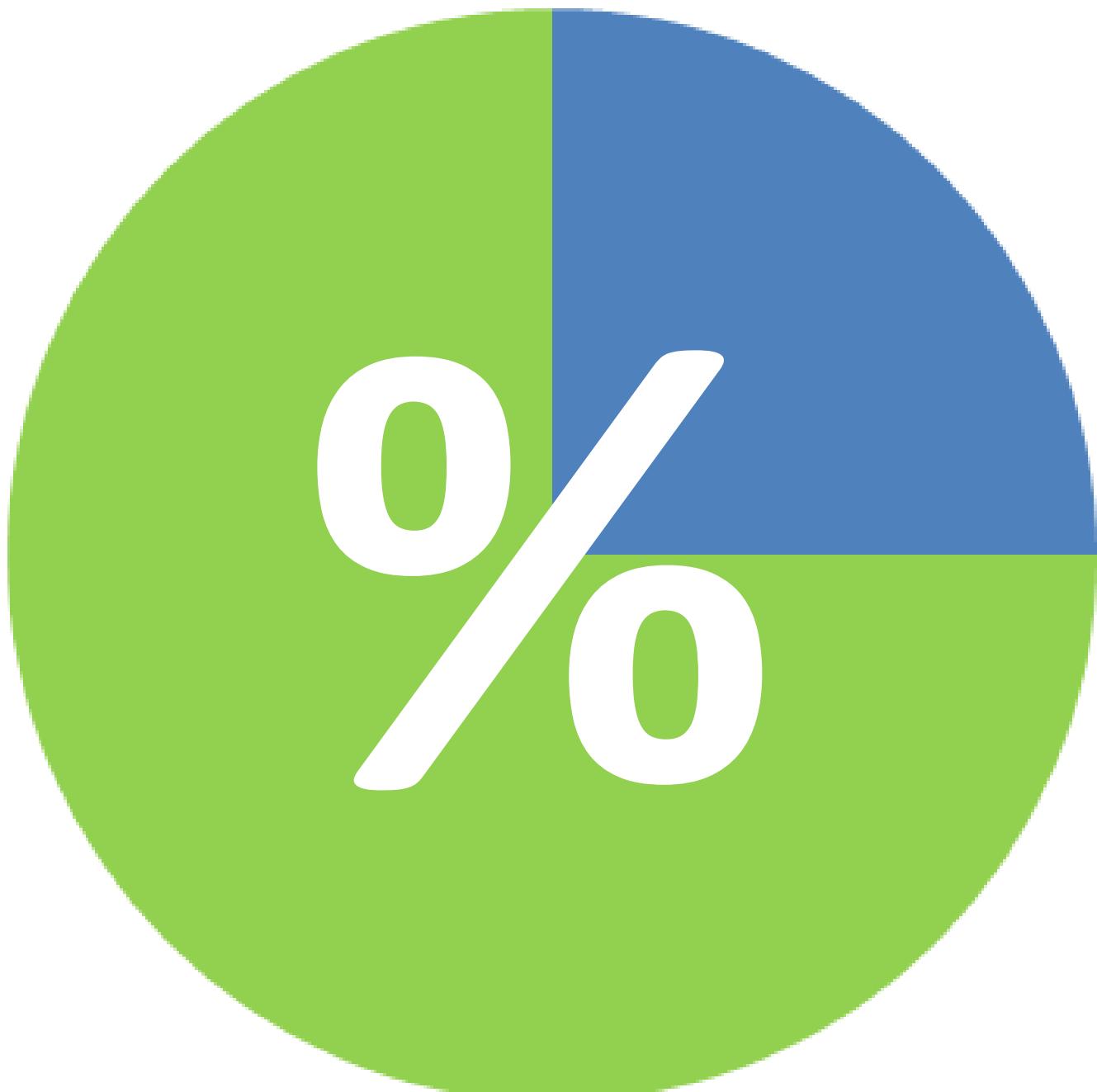


PERSENTAJEN



Tabe lee-na'in,

**Livru ida-ne'e ba alunu adultu ho joven sira ne'ebé
tuir kursu alfabetizasaun no matemática.**

**Livru ida-ne'e ajuda alunu sira
atu komprende no pratika persentajen sira.**

Sorte di'ak!

Danielle Boon, 06-12-2014

Konteúdu

| | | |
|------------|------|---------|
| Kapítulu 1 | 50 % | páj. 5 |
| Kapítulu 2 | 25 % | páj. 11 |
| Kapítulu 3 | 75 % | páj. 17 |
| Kapítulu 4 | 10 % | páj. 23 |
| Kapítulu 5 | 20 % | páj. 29 |
| Repetisaun | | páj. 35 |

Kapítulu 1

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
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| | | | | | | | | | 70 |
| | | | | | | | | | 80 |
| | | | | | | | | | 90 |
| | | | | | | | | | 100 |

= 100%

= totál

| | | | | | | | | | |
|----|----|----|---|---|---|---|---|---|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
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| | | | | | | | | | 100 |

= 50%

= balun ida

= karuak ida

100% = totál

50% = balun ida = $\frac{1}{2}$ = karuak ida

Ezemplu:

João iha dolar 10.

Nia fó 50% ba Carlos.

Carlos simu dolar hira? _____

No João rai hela dolar hira? _____

Esplikasaun:

Dolar 10 = 100%

50% = balun ida husi dolar 10.

Balun ida husi dolar 10 = dolar 5.

Carlos simu dolar 5.

No João mós rai hela dolar 5.



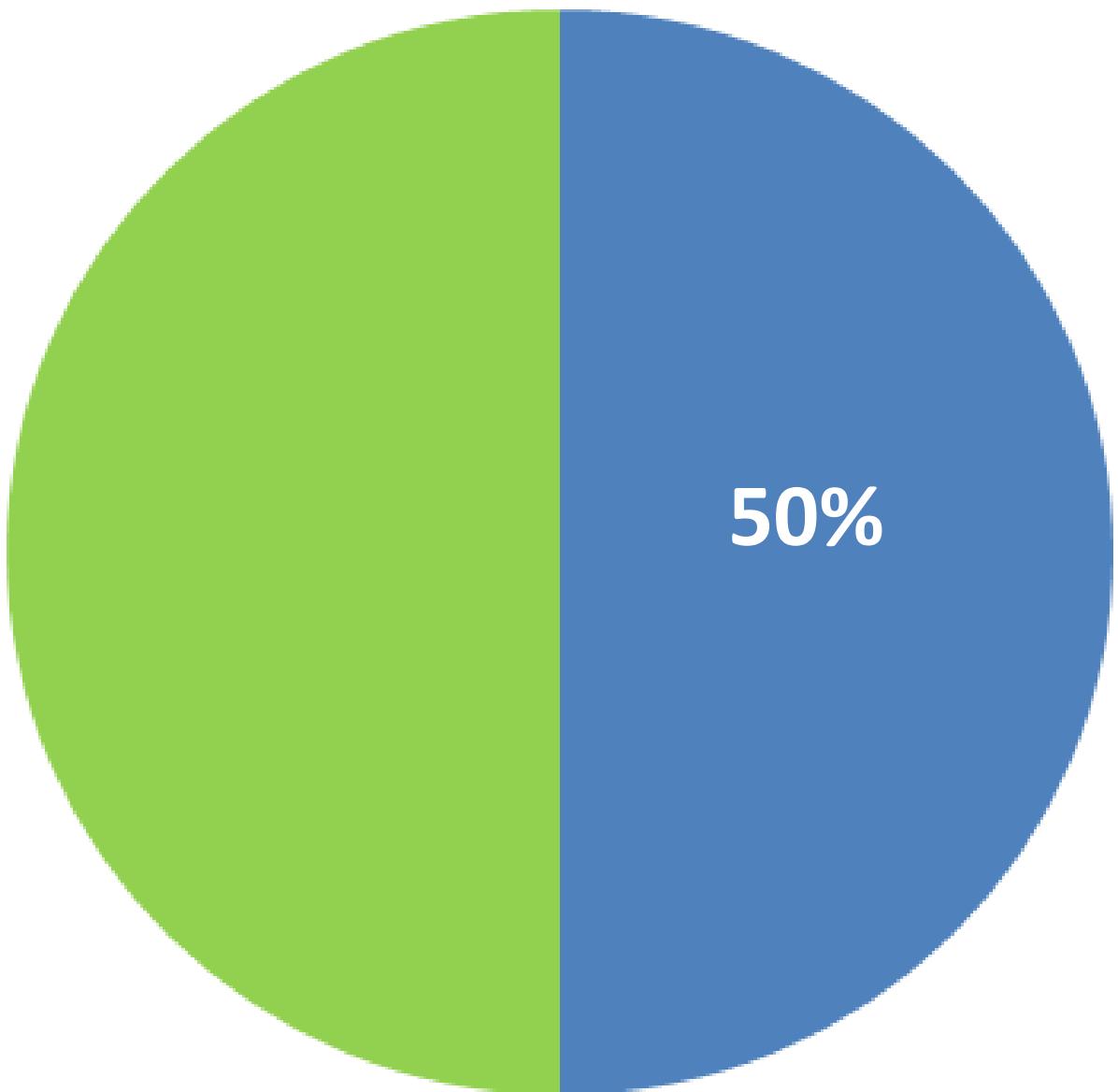
Dolar 10 = total = 100%



Dolar 5 = 50%

Dolar 5 = 50%





1. Helena iha paun 18.

Nia fó paun 50% ba Ana.

Ana simu paun hira? _____

No Helena rai hela paun hira? _____

2. António iha mina litru 26.

Nia fa'an litru 50%.

Nia fa'an litru hira? _____

António rai hela litru hira? _____

3. Iha sala-laran hamutuk iha alunu 34.

Alunu 50% fila ba uma.

Alunu na'in hira mak fila ba uma? _____

Agora alunu na'in hira mak iha sala-laran?

4. Profesór iha livru 48.

Nia fó livru 50% ba alunu sira.

Alunu sira simu livru hira? _____

No profesór rai hela livru hira? _____

5. Carlos iha sabraka 62.

Nia fa'an sabraka 50%.

Nia fa'an sabraka hira? _____

Agora Carlos iha sabraka hira? _____

Kapítulu 2

| | | | | | | | | | |
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| 11 | 12 | 13 | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | 100 |

= 50%

= balun ida

| | | | | | | | | | |
|---|---|---|---|----|--|--|--|--|-----|
| 1 | 2 | 3 | 4 | 5 | | | | | |
| 6 | 7 | 8 | 9 | 10 | | | | | |
| | | | | 15 | | | | | |
| | | | | 20 | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | 100 |

= 25%

= kahaat ida

100% = totál

50% = balun ida = $\frac{1}{2}$ = karuak ida

25% = kahaat ida = $\frac{1}{4}$

Ezemplu:

Maria iha dolar 20.

Nia fó 25% ba nia oan.

Nia oan simu dolar hira? _____

No Maria rai hela dolar hira? _____

Esplikasaun:

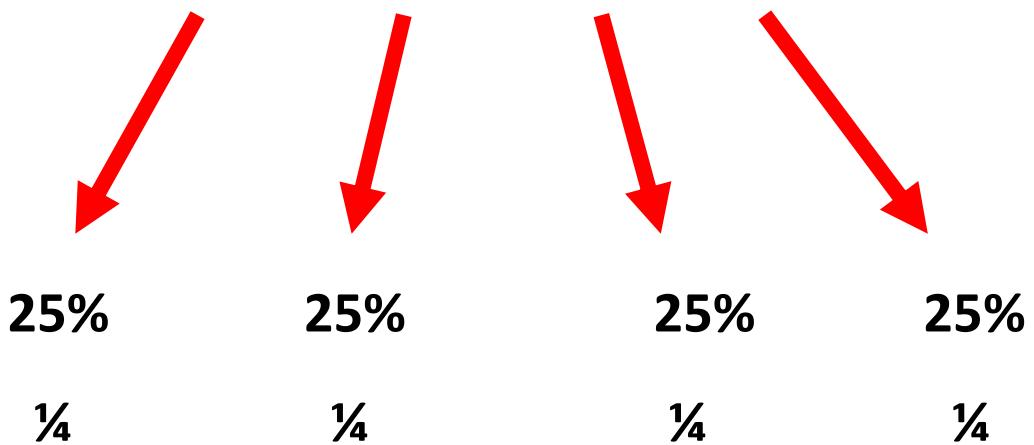
Dolar 20 = 100%

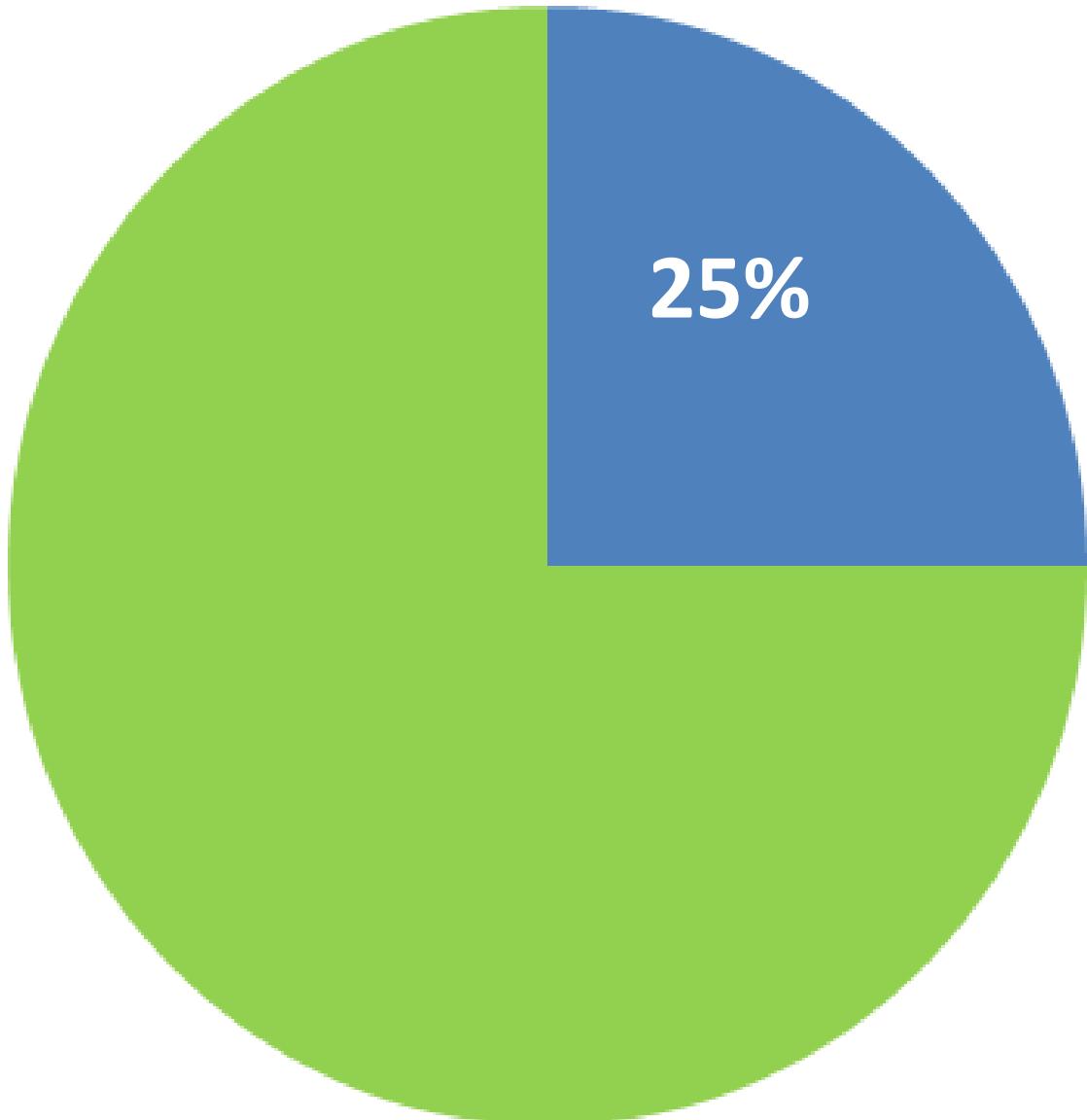
25% = kahaat ida husi dolar 20.

Kahaat ida husi dolar 20 = dolar 5 (tanba $20 : 4 = 5$)

Nia oan simu dolar 5.

No Maria rai hela dolar 15. (tanba $20 - 5 = 15$)





1. Helena iha paun 20.

Nia fó paun 25% ba Ana.

Ana simu paun hira? _____

No Helena rai hela paun hira? _____

2. António iha mina litru 32.

Nia fa'an litru 25%.

Nia fa'an litru hira? _____

No nia rai hela litru hira? _____

3. Iha sala-laran hamutuk iha alunu 60.

Alunu 25% fila ba uma.

Alunu na'in hira mak fila ba uma? _____

Agora alunu na'in hira mak iha sala-laran?

4. Profesór iha livru 48.

Nia fó livru 25% ba alunu sira.

Alunu sira simu livru hira? _____

No profesór rai hela livru hira? _____

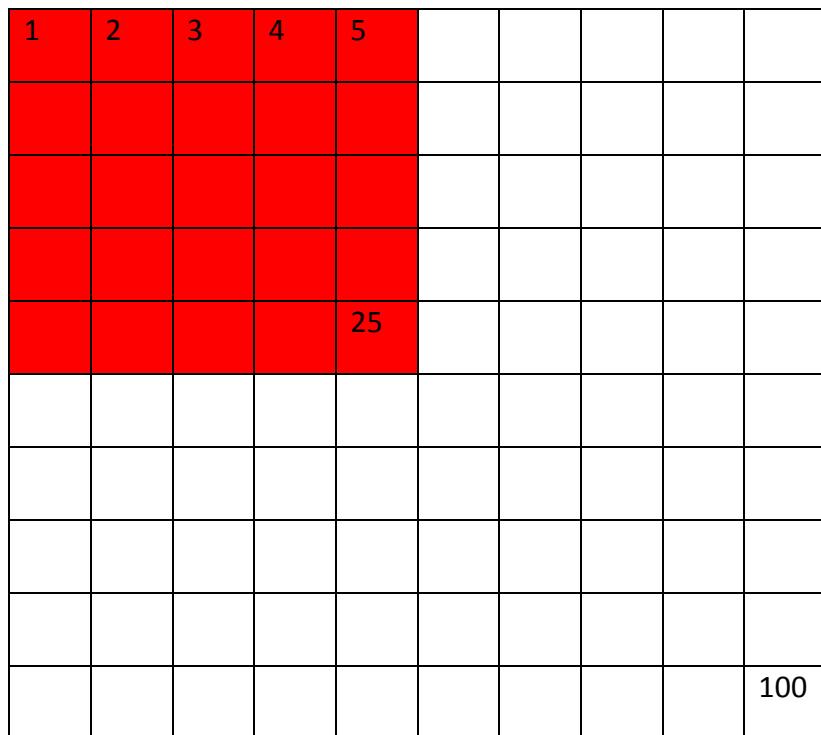
5. Carlos iha sabraka 56.

Nia fa'an sabraka 25%.

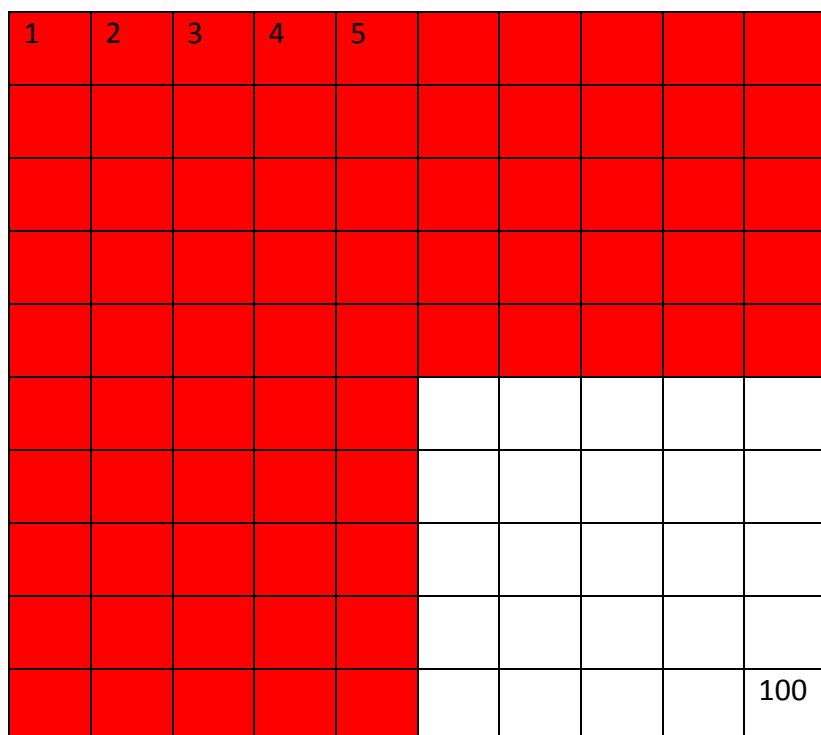
Nia fa'an sabraka hira? _____

No nia rai hela sabraka hira? _____

Kapítulu 3



= 25%
= kahaat ida



= 75%
= kahaat tolu

| | | | |
|-------------|----------------------|-----------------------------------|-------------------|
| 100% | = totál | | |
| 50% | = balun ida | = $\frac{1}{2}$ | karuak ida |
| 25% | = kahaat ida | = $\frac{1}{4}$ | |
| 75% | = kahaat tolu | = $\frac{3}{4}$ | |

Ezemplu:

Delfina iha dolar 40.

Nia fó 75% ba nia inan.

Nia inan simu dolar hira? _____

No Delfina rai hela dolar hira? _____

Esplikasaun:

Dolar 40 = 100%

75% = kahaat tolu husi dolar 40

Kahaat tolu husi dolar 40 = dolar 10 (tanba $40 : 4 = 10$)

Kahaat tolu husi dolar 40 = 30 (tanba $3 \times 10 = 30$)

Nia inan simu dolar 30.

No Delfina rai hela dolar 10. (tanba $40 - 30 = 10$)



25%

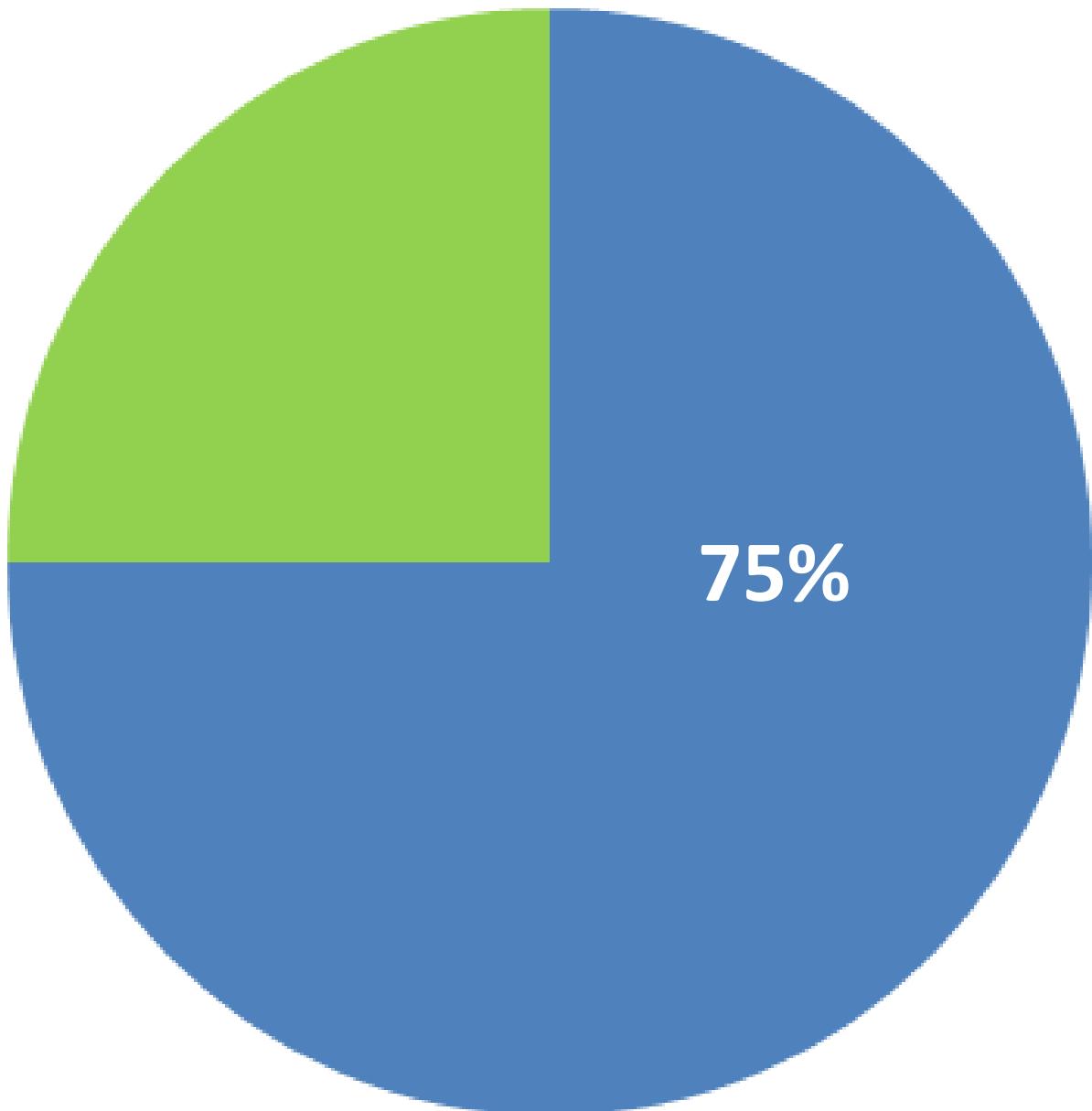
25%

25%

25%



75%



1. Helena iha paun 20.

Nia fó paun 75% ba Ana.

Ana simu paun hira? _____

No Helena rai hela paun hira? _____

2. António iha mina litru 32.

Nia fa'an litru 75%.

Nia fa'an litru hira? _____

No nia rai hela litru hira? _____

3. Iha sala-laran hamutuk iha alunu 60.

Alunu 75% fila ba uma.

Alunu na'in hira mak fila ba uma? _____

Agora alunu na'in hira mak iha sala-laran?

4. Profesór iha livru 48.

Nia fó livru 75% ba alunu sira.

Alunu sira simu livru hira? _____

No profesór rai hela livru hira? _____

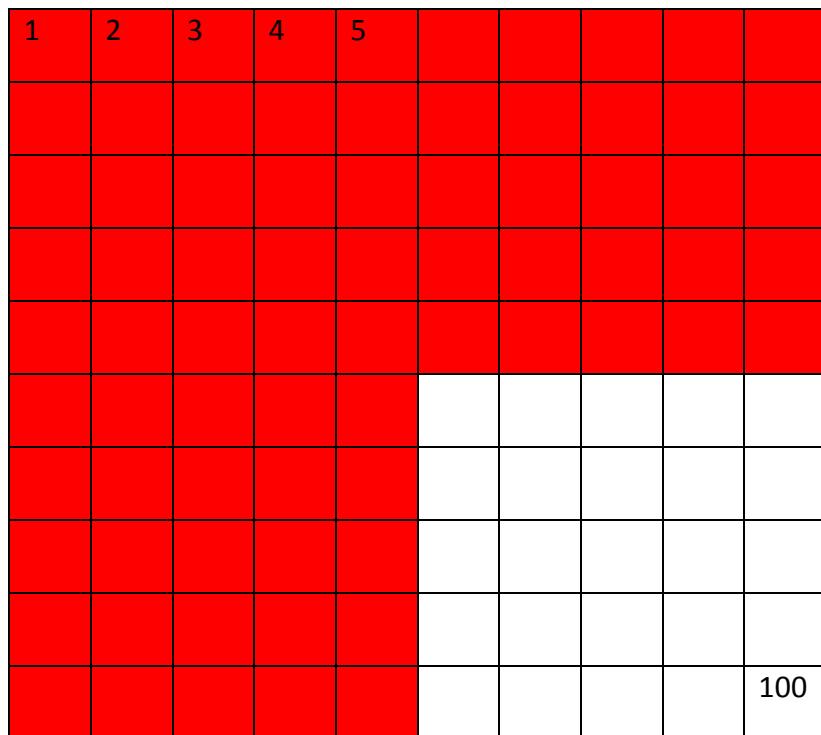
5. Carlos iha sabraka 56.

Nia fa'an sabraka 75%.

Nia fa'an sabraka hira? _____

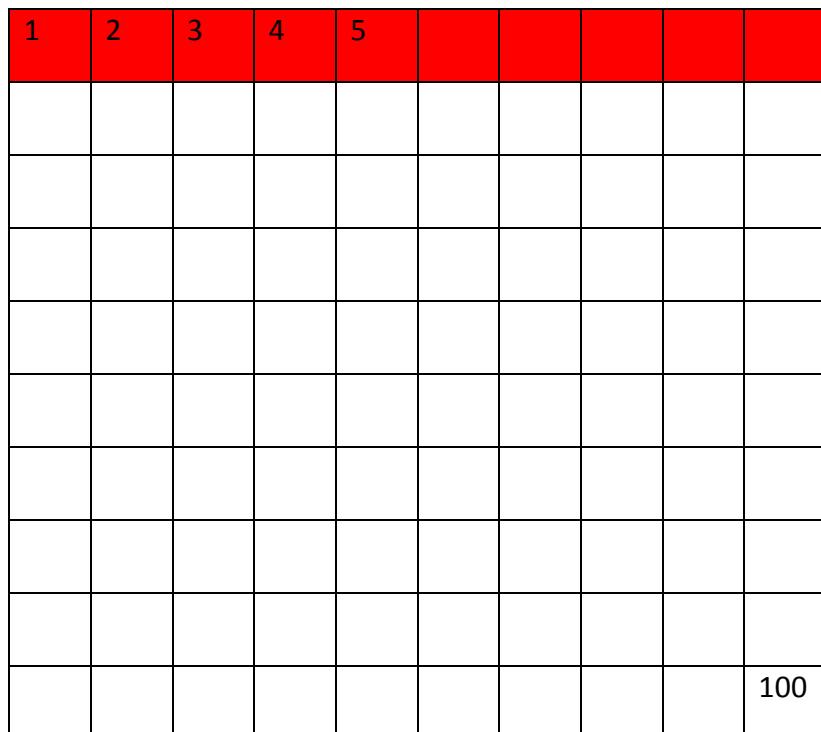
No nia rai hela sabraka hira? _____

Kapítulu 4



= 75%

= kahaat tolu



= 10%

= désimu ida

= kasanuluk ida

| | | | |
|-------------|----------------------|-----------------------------------|------------------------|
| 100% | = totál | | |
| 50% | = balun ida | = $\frac{1}{2}$ | = karuak ida |
| 25% | = kahaat ida | = $\frac{1}{4}$ | |
| 75% | = kahaat tolu | = $\frac{3}{4}$ | |
| 10% | = désimu | = $1/10$ | = kasanuluk ida |

Ezemplu:

José iha dolar 40.

Nia fó 10% ba nia kolega.

Nia kolega simu dolar hira? _____

No José rai hela dolar hira? _____

Esplikasaun:

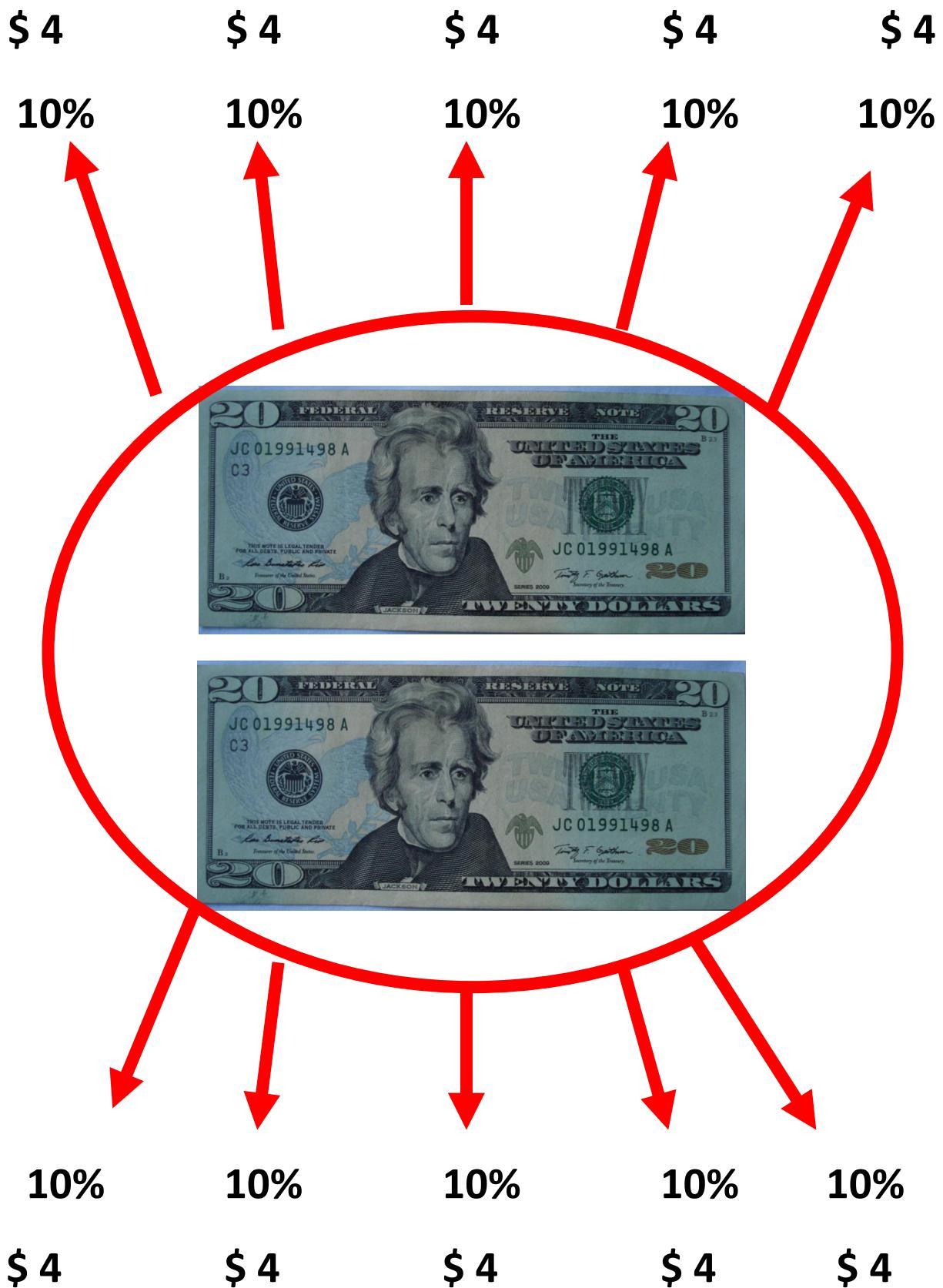
Dolar 40 = 100%

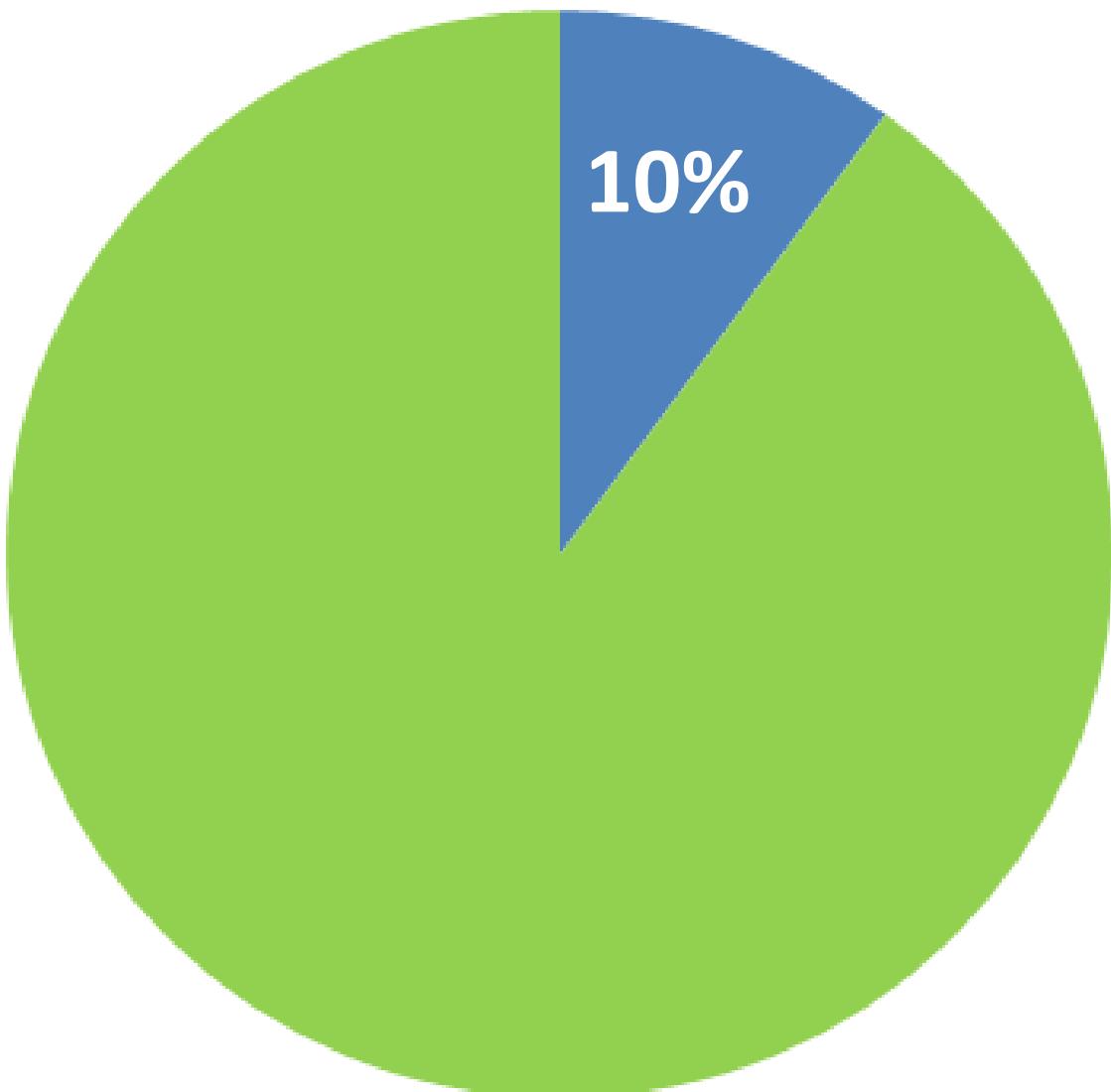
10 % = désimu ida husi dolar 40.

Désimu ida husi dolar 40 = dolar 4 (tanba $40 : 10 = 4$)

Nia kolega simu dolar 4.

No José rai hela dolar 36. (tanba $40 - 4 = 36$)





1. Helena iha paun 20.

Nia fó paun 10% ba Ana.

Ana simu paun hira? _____

No Helena rai hela paun hira? _____

2. António iha mina litru 30.

Nia fa'an litru 10%.

Nia fa'an litru hira? _____

No nia rai hela litru hira? _____

3. Iha sala-laran hamutuk iha alunu 60.

Alunu 10% fila ba uma.

Alunu na'in hira mak fila ba uma? _____

Agora alunu na'in hira mak iha sala-laran?

4. Profesór iha livru 50.

Nia fó livru 10% ba alunu sira.

Alunu sira simu livru hira? _____

No profesór rai hela livru hira? _____

5. Carlos iha sabraka 70.

Nia fa'an sabraka 10%.

Nia fa'an sabraka hira? _____

No nia rai hela sabraka hira? _____

Kapítulu 5

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| | | | | | | | | | |
| | | | | | | | | | 100 |

= 10%

= désimu

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | | | | | | 20 |
| | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | 100 |

= 20%

= kalimak ida

| | | | |
|-------------|----------------------|-----------------------------------|------------------------|
| 100% | = totál | | |
| 50% | = balun ida | = $\frac{1}{2}$ | = karuak ida |
| 25% | = kahaat ida | = $\frac{1}{4}$ | |
| 75% | = kahaat tolu | = $\frac{3}{4}$ | |
| 10% | = désimu | = $1/10$ | = kasanuluk ida |
| 20% | = kalimak ida | = $1/5$ | |

Ezemplu:

Filomena iha dolar 40.

Nia fó 20% ba nia viziñu.

Nia viziñu simu dolar hira? _____

No Filomena rai hela dolar hira? _____

Esplikasaun:

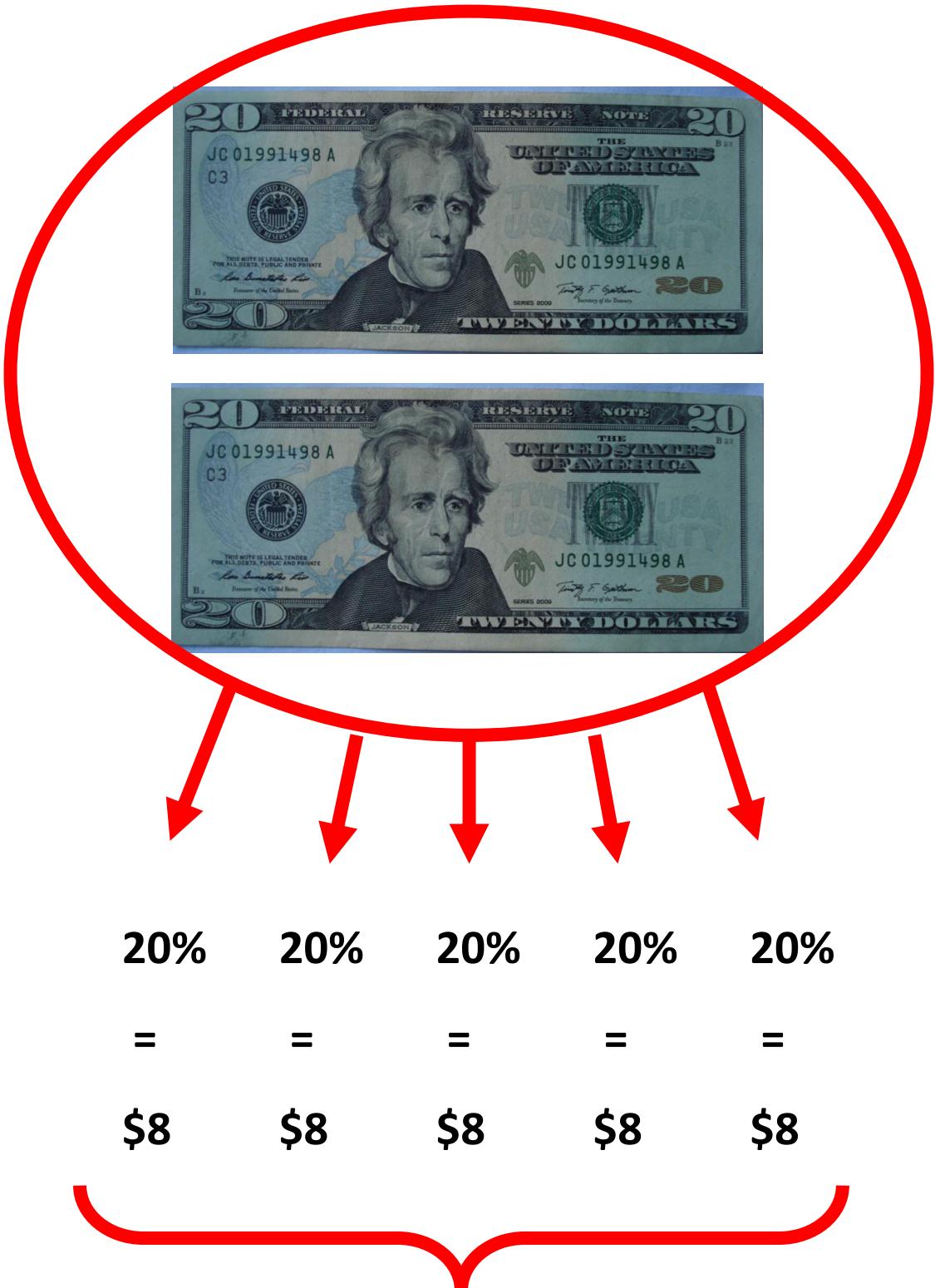
Dolar 40 = 100%

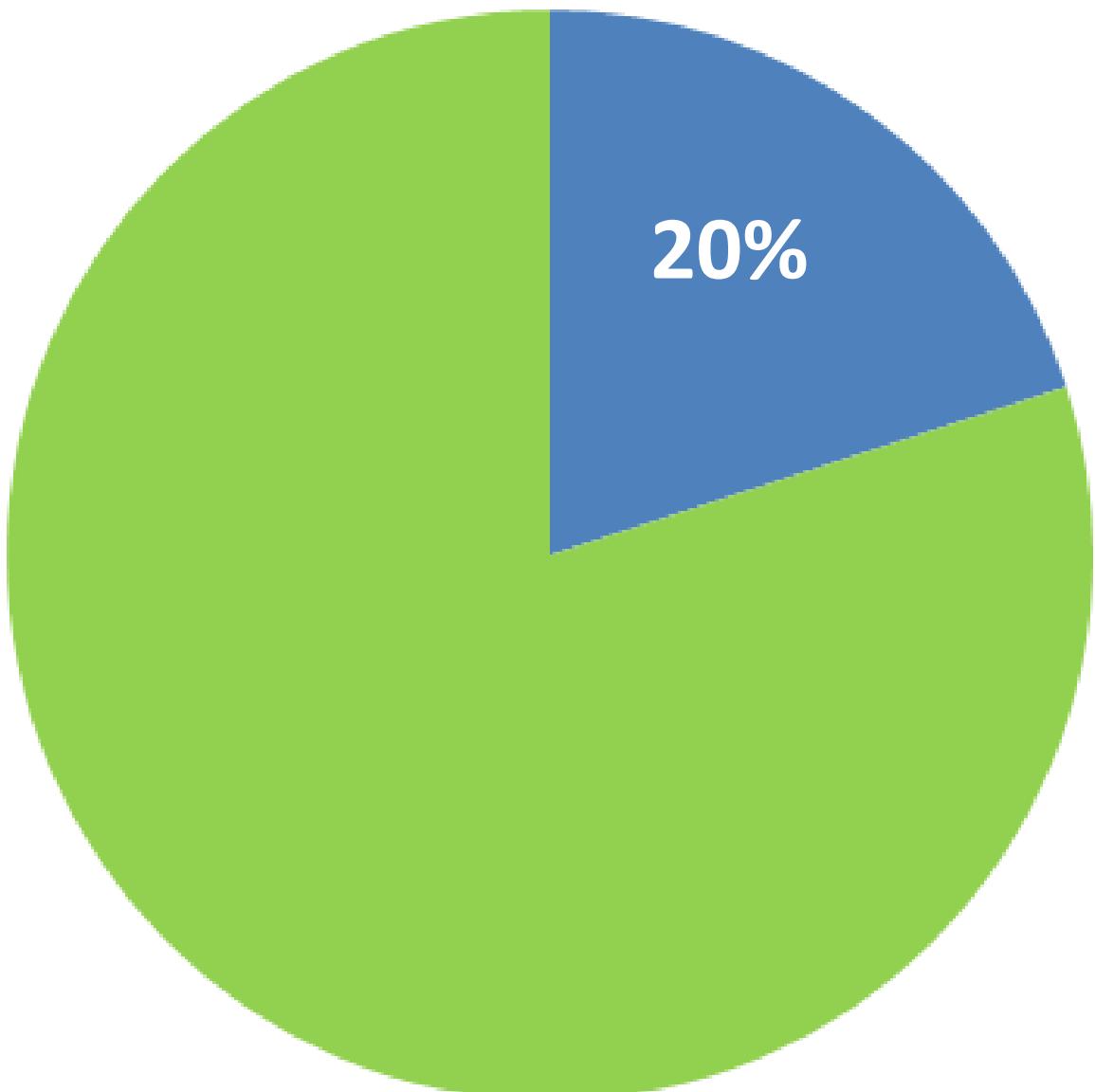
20 % = kalimak ida husi dolar 40

Kalimak ida husi dolar 40 = dolar 8 (tanba $40 : 5 = 8$)

Nia viziñu simu dolar 8.

No Filomena rai hela dolar 32. (tanba $40 - 8 = 32$)





1. Helena iha paun 20.

Nia fó paun 20% ba Ana.

Ana simu paun hira? _____

No Helena rai hela paun hira? _____

2. António iha mina litru 25.

Nia fa'an litru 20%.

Nia fa'an litru hira? _____

No nia rai hela litru hira? _____

3. Iha sala-laran hamutuk iha alunu 30.

Alunu 20% fila ba uma.

Alunu na'in hira mak fila ba uma? _____

Agora alunu na'in hira mak iha sala-laran?

4. Profesór iha livru 50.

Nia fó livru 20% ba alunu sira.

Alunu sira simu livru hira? _____

No profesór rai hela livru hira? _____

5. Carlos iha sabraka 75.

Nia fa'an 20%.

Nia fa'an sabraka hira? _____

No nia rai hela sabraka hira? _____

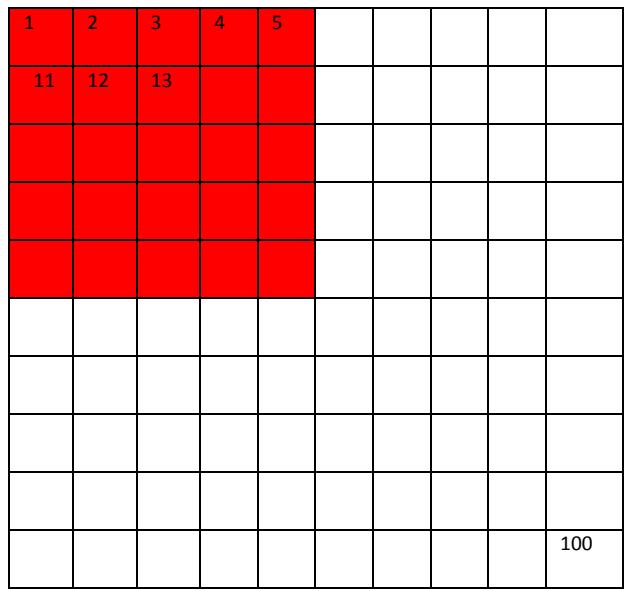
Repetisaun

| | | | | | | | | | |
|----|----|----|---|---|---|---|---|---|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | | | | | | | 20 |
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| | | | | | | | | | 50 |
| | | | | | | | | | 60 |
| | | | | | | | | | 70 |
| | | | | | | | | | 80 |
| | | | | | | | | | 90 |
| | | | | | | | | | 100 |

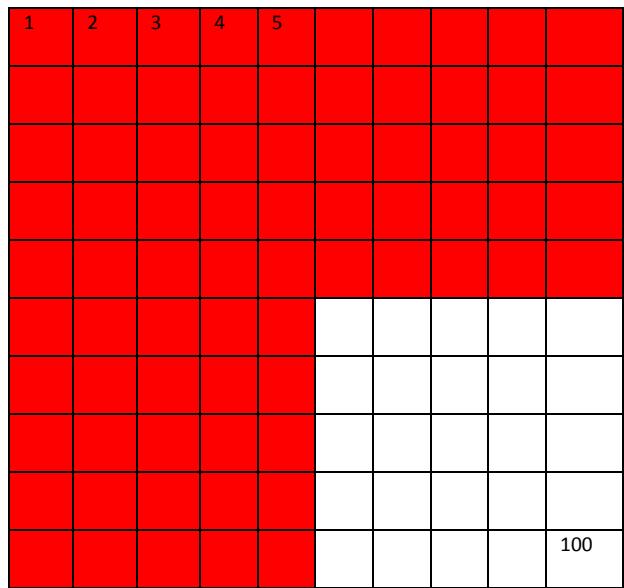
= _____ %

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|----|----|----|---|---|---|---|---|---|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | | | | | | | 20 |
| | | | | | | | | | 30 |
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| | | | | | | | | | 50 |
| | | | | | | | | | 60 |
| | | | | | | | | | 70 |
| | | | | | | | | | 80 |
| | | | | | | | | | 90 |
| | | | | | | | | | 100 |

= _____ %



$$= \underline{\hspace{2cm}} \%$$



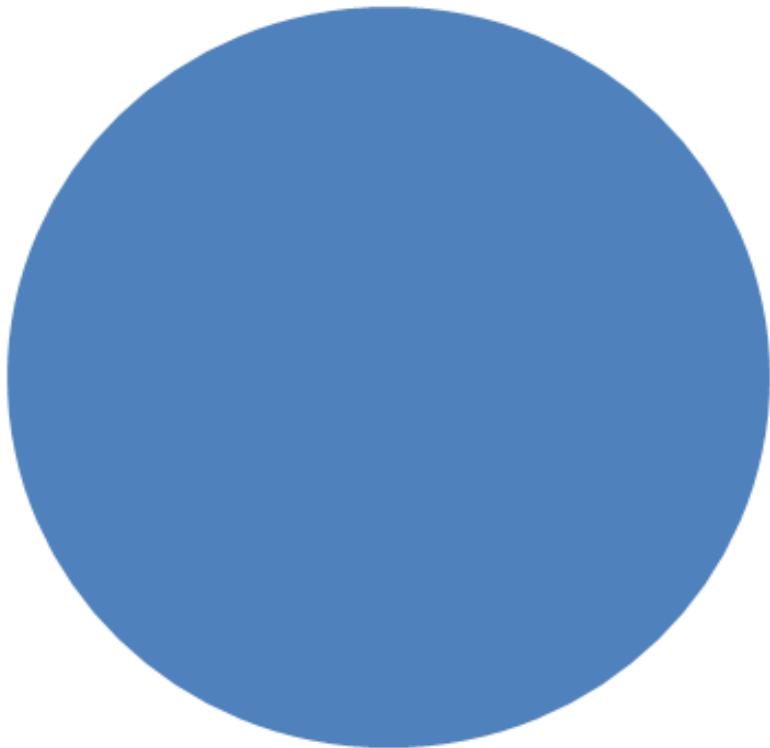
$$= \underline{\hspace{2cm}} %$$

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| 11 | 12 | 13 | | | | | | | 20 |
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= _____ %

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|----|----|----|---|---|---|---|---|---|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | | | | | | | 20 |
| | | | | | | | | | 30 |
| | | | | | | | | | 40 |
| | | | | | | | | | 50 |
| | | | | | | | | | 60 |
| | | | | | | | | | 70 |
| | | | | | | | | | 80 |
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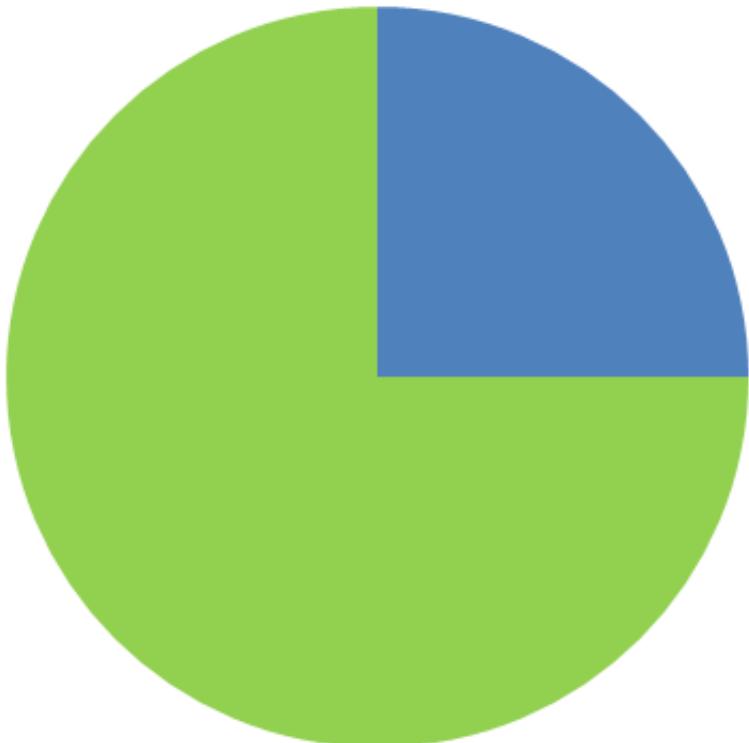
= _____ %



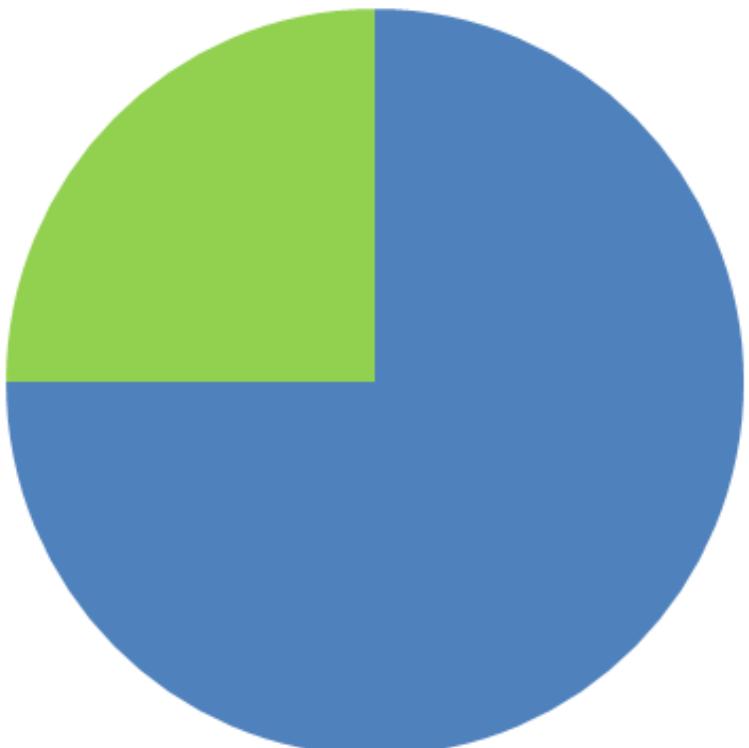
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= _____ %



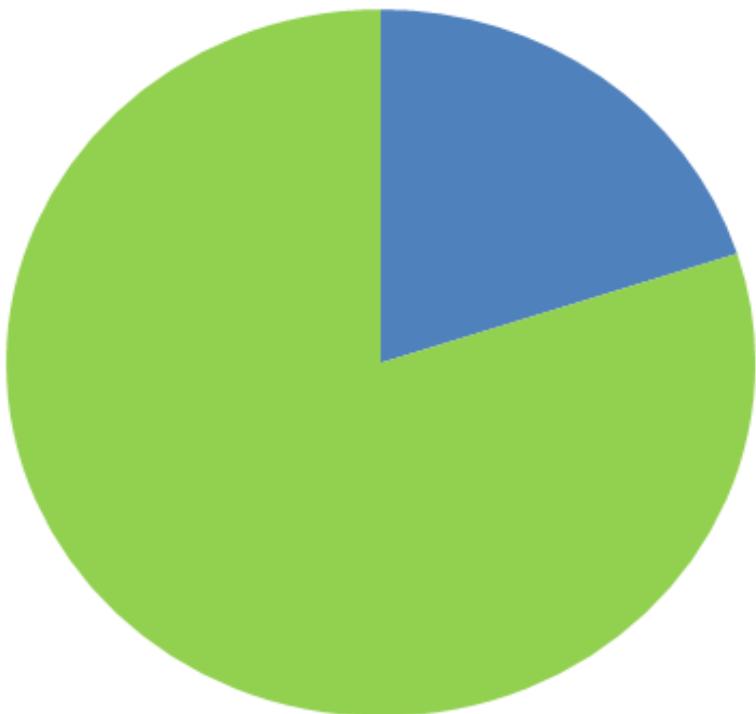
= _____ %



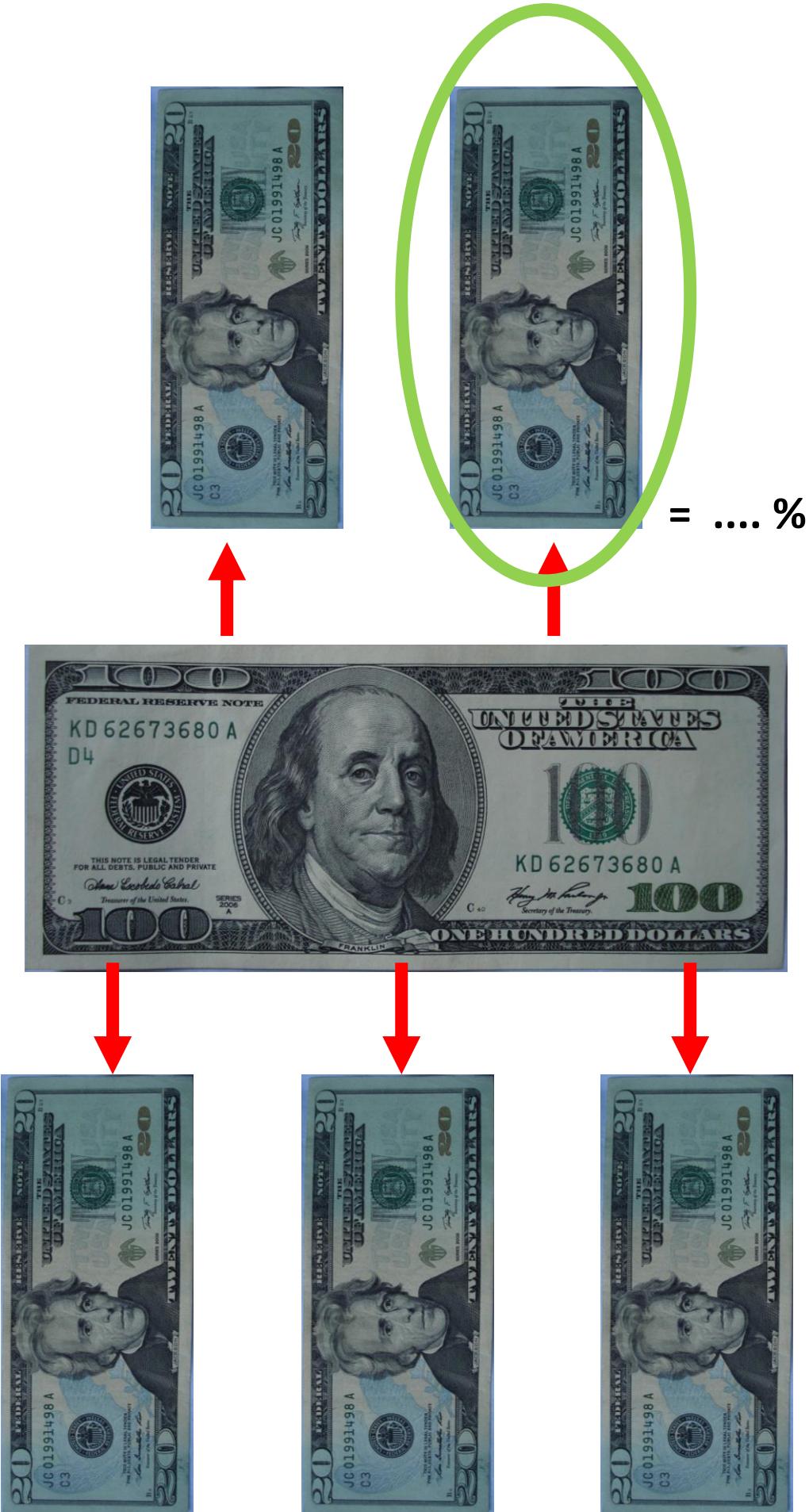
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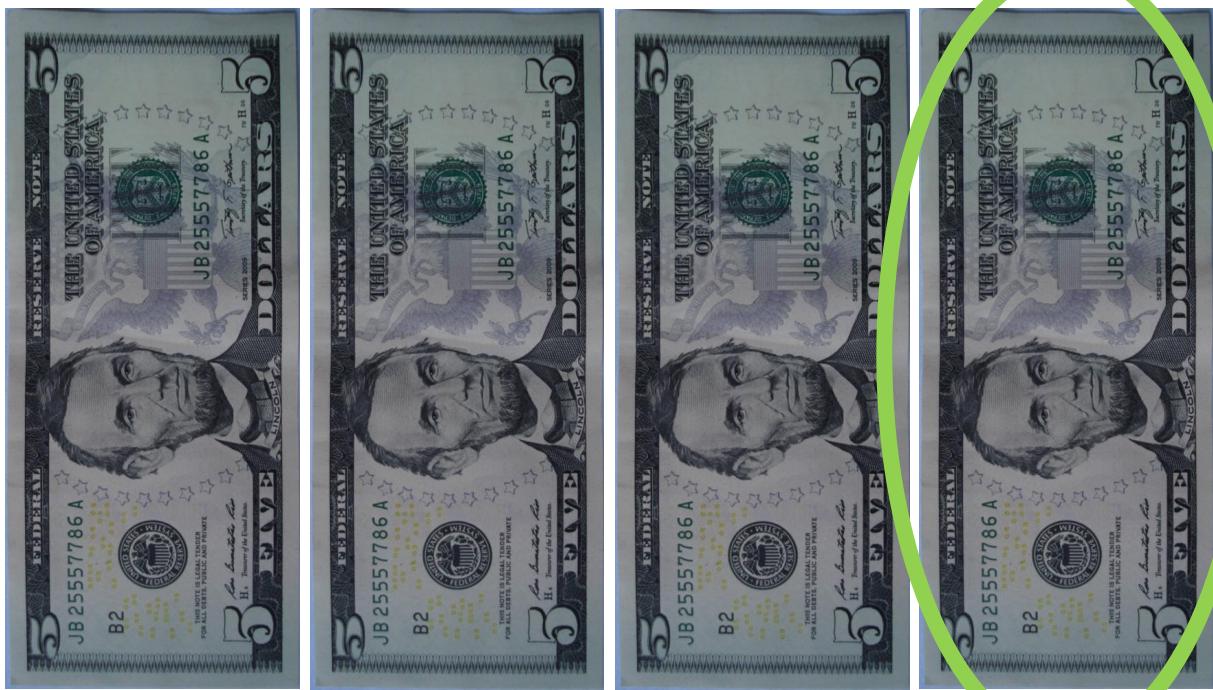


= _____ %



= _____ %





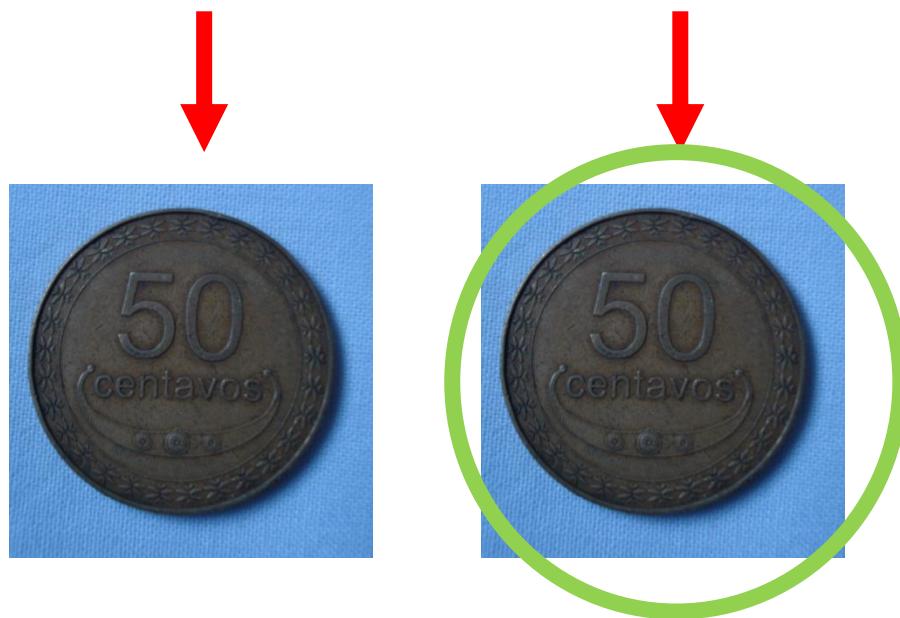
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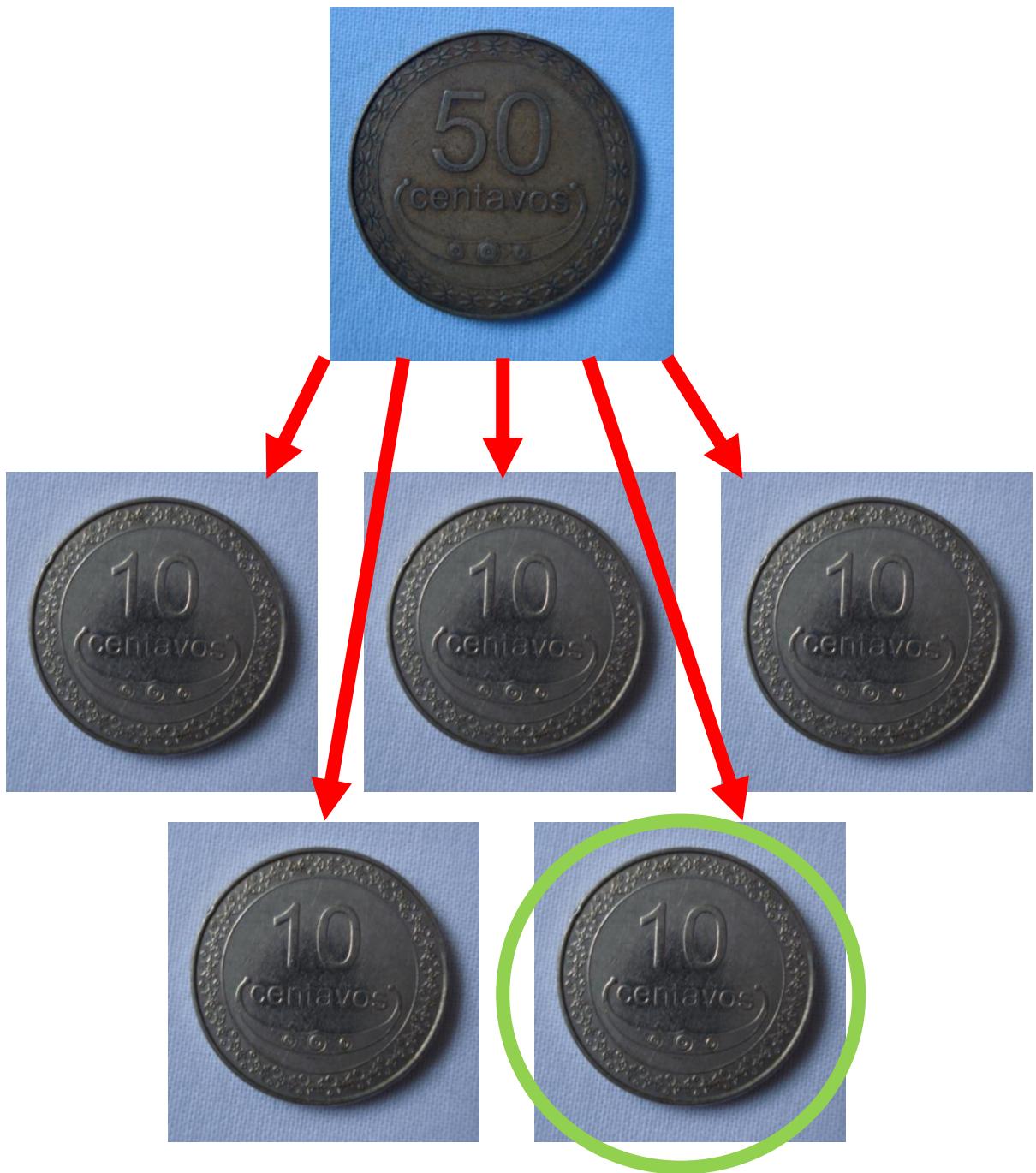
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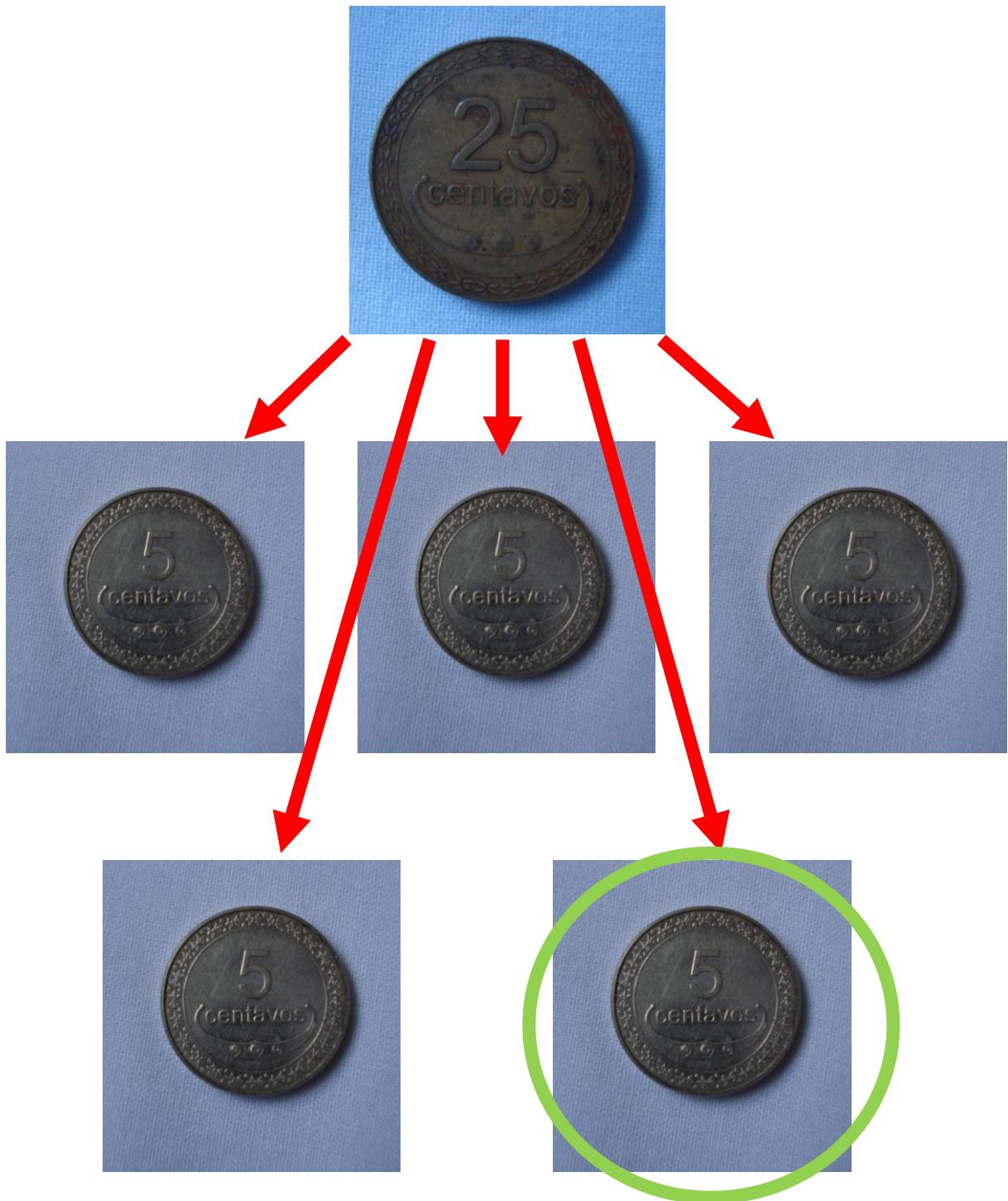
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República Democrática de Timor-Leste



Ministério de Educação
Direcção Nacional de Educação Recorrente

Danielle Boon, 06-12-2014