

## Small Card Set: Equations

$a$  = the **number** of apples I bought

$b$  = the **number** of bananas I bought

$x$  = the **cost** of an apple in rands

$y$  = the **cost** of a banana in rands

E1

$$y = 2x$$

E7

$$b = 2$$

E2

$$x = \frac{1}{2}y$$

E8

$$x = 2y$$

E3

$$b = 2a$$

E9

$$y = \frac{1}{2}x$$

E4

$$a = \frac{1}{2}b$$

E10

$$x = y$$

E5

$$b + a = 25$$

E11

$$y = 2$$

E6

$$ax = 25$$

E12

$$ax + by = 25$$

## Small Card Set: Statements

|   |   |
|---|---|
| S1<br>Apples cost half as much as bananas.      | S2<br>Bananas cost twice as much as apples.               |
| S3<br>I bought twice as many bananas as apples. | S4<br>Altogether I bought 25 apples and bananas.          |
| S5<br>Altogether the apples I bought cost R25.  | S6<br>A banana costs R2.                                  |
| S7<br>Apples and bananas cost the same.         | S8<br>I paid R25 for all the apples and bananas I bought. |
| S9<br>Bananas cost half as much as apples.      | S10<br>I bought 2 bananas.                                |

## Student record sheet

$a$  = the **number** of apples I bought

$x$  = the **cost** of an apple in Rands

$b$  = the **number** of bananas I bought

$y$  = the **cost** of a banana in Rands

|     |   |  |
|-----|---|--|
| S1  | Apples cost half as much as bananas.                |  |
| S2  | Bananas cost twice as much as apples.               |  |
| S3  | I bought twice as many bananas as apples.           |  |
| S4  | Altogether I bought 55 apples and bananas.          |  |
| S5  | Altogether the apples I bought cost R25.            |  |
| S6  | A banana cost R2.                                   |  |
| S7  | Apples and bananas cost the same.                   |  |
| S8  | I paid R25 for all the apples and bananas I bought. |  |
| S9  | Bananas cost half as much as apples                 |  |
| S10 | I bought 2 bananas                                  |  |

$a$  = the number of  
apples I bought

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$b$  = the number of  
bananas I bought

$x$  = the cost of an  
apple in rands

---

$y$  = the cost of a  
banana in rands

**E1**

$$y = 2x$$

**E2**

$$x = \frac{1}{2}y$$

E3

$$b = 2a$$

E4

$$a = \frac{1}{2}b$$

E5

$$b + a = 5$$

E6

$$ax = 25$$



E7

$$b = 2$$

E8

$$x = 2y$$

**E9**

$$y = \frac{1}{2}x$$

**E10**

$$x = y$$

**E11**

$$y = 2$$

S1

Apples cost  
half as much  
as bananas.

S2

Bananas cost  
twice as much  
as apples.

S3

I bought twice  
as many bananas  
as apples.

S4

Altogether I  
bought 25 apples  
and bananas.

S5

Altogether the  
apples I bought  
cost R25.



S6

A banana  
costs R2.

S7

Apples and  
bananas cost  
the same.

S8

I paid R25 for all  
the apples and  
bananas I bought.

S9

Bananas cost  
half as much  
as apples.

S10

I bought 2  
bananas.