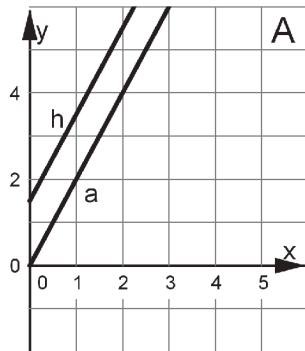
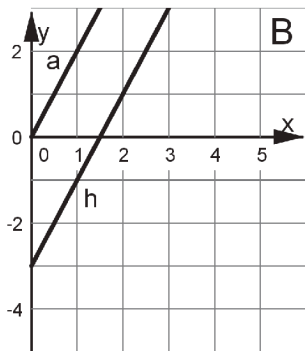


Translating a Line  
GraphTranslating a Line  
Table

| $x$  | $y$ |
|------|-----|
| 0    | 1.5 |
| 1    | 3.5 |
| 1.5  | 4.5 |
| 2.75 | 7   |

Translating a Line  
Equation

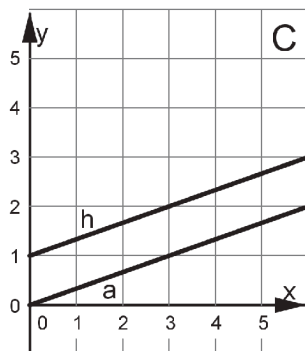
$$y = \frac{3}{2} + 2x$$

Translating a Line  
GraphTranslating a Line  
Description

The  $y$ -coordinate is three less than double the  $x$ -coordinate.

Translating a Line  
Equation

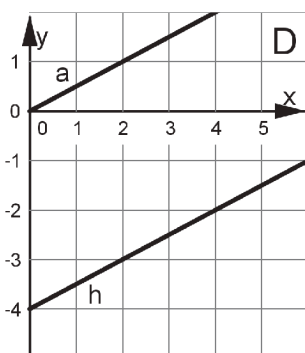
$$2x - 3 = y$$

Translating a Line  
GraphTranslating a Line  
Description

The  $y$ -coordinate is one more than a third of the  $x$ -coordinate.

Translating a Line  
Equation

$$y = \frac{1}{3}x + 1$$

Translating a Line  
GraphTranslating a Line  
Table

| $x$ | $y$ |
|-----|-----|
| 0   | -4  |
| 2   | -3  |
| 4   | -2  |
| 8   | 0   |

Translating a Line  
Equation