

Name: _____ Class: _____ Date: _____

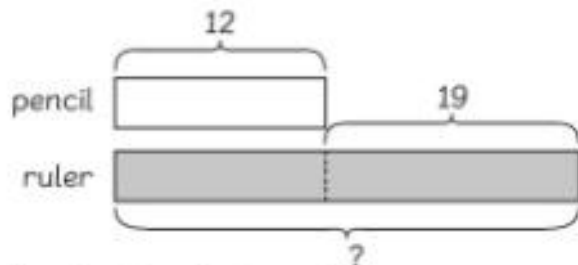
Worksheet 2

Solving Word Problems

Solve.

- 1 A pencil is 12 cm long.
A ruler is 19 cm longer than the pencil.

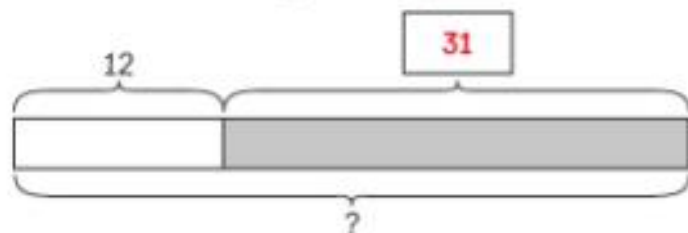
(a) How long is the ruler?



$$\boxed{12} + \boxed{19} = \boxed{31}$$

The ruler is $\boxed{31}$ cm long.

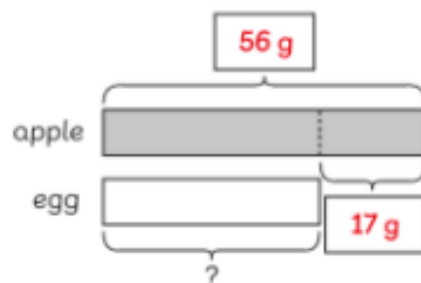
(b) What is the total length of the pencil and the ruler?



$$\boxed{12} + \boxed{31} = \boxed{43}$$

The total length of the pencil and the ruler is $\boxed{43}$ cm.

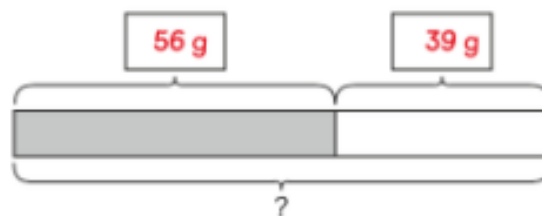
- 2 The mass of an apple is 56 g.
The mass of an egg is 17 g less than the apple.
- (a) What is the mass of the egg?



$$\boxed{56 \text{ g}} - \boxed{17 \text{ g}} = \boxed{39 \text{ g}}$$

The mass of the egg is $\boxed{39}$ g.

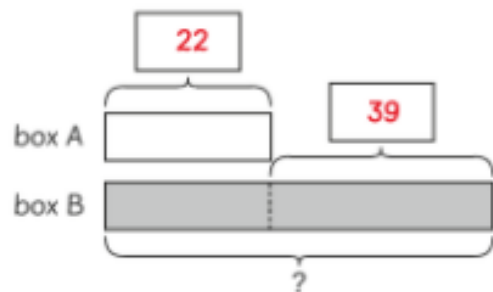
(b) What is the mass of the apple and the egg altogether?



$$\boxed{56 \text{ g}} + \boxed{39 \text{ g}} = \boxed{95 \text{ g}}$$

The mass of the apple and the egg is $\boxed{95}$ g altogether.

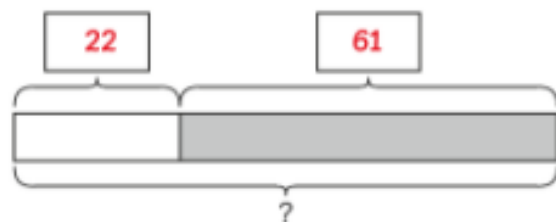
- 3 The mass of box A is 22 kg.
Box A is 39 kg lighter than box B.
(a) What is the mass of box B?



$$\boxed{22} + \boxed{39} = \boxed{61}$$

The mass of box B is $\boxed{61}$ kg.

- (b) What is the total mass of box A and box B altogether?

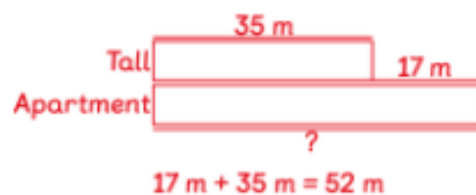


$$\boxed{22} + \boxed{61} = \boxed{83}$$

The total mass of box A and box B is $\boxed{83}$ kg.

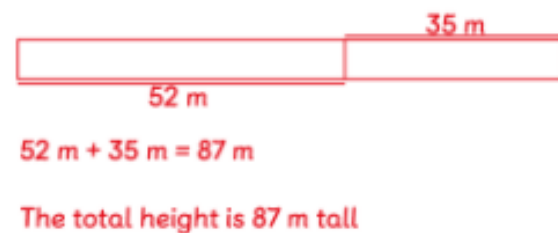
- 4 An office building is 35 m tall.
An apartment building next to it is 17 m taller than the office building.

- (a) How tall is the apartment building?



The apartment is 52 m tall

- (b) What is the total height of the two buildings?



$$52 \text{ m} + 35 \text{ m} = 87 \text{ m}$$

The total height is 87 m tall