Worksheet 10

Solving Word Problems

Solve.

1 In a conference room, there are 76 female participants.
There are twice as many female participants as male participants.

(a) How many male participants are there?

(b) How many participants are there altogether?

2 A storybook has 85 pages.
Every day, Amira reads 3 pages in the morning and 2 pages at night.
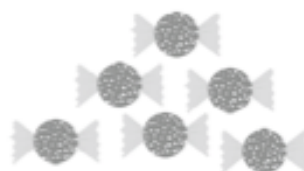How many days does she take to finish reading the book?

3 There are 3 times as many blue pens as red pens in a box.
There are 56 blue and red pens in the box altogether.
How many blue pens are there?

4 Holly buys 4 packets of sweets.
There are 36 sweets in each packet.
She puts the sweets equally into 3 containers.
How many sweets are there in each container?

ANSWERS

Worksheet 10

Solving Word Problems

Solve.

1 In a conference room, there are 76 female participants.
There are twice as many female participants as male participants.

(a) How many male participants are there?

$76 \div 2 = 38$

There are 38 male participants.

(b) How many participants are there altogether?

$76 + 38 = 114$

There are 114 participants altogether.

2 A storybook has 85 pages.
Every day, Amira reads 3 pages in the morning and 2 pages at night.
How many days does she take to finish reading the book?

$3 + 2 = 5$
$85 \div 5 = 17$

Amira takes 17 days to finish reading the book.

3 There are 3 times as many blue pens as red pens in a box.
There are 56 blue and red pens in the box altogether.
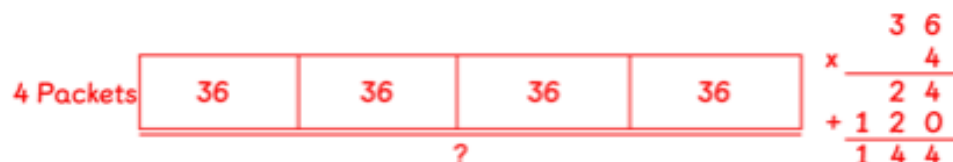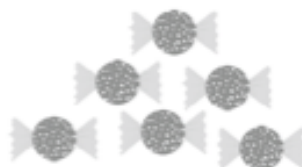How many blue pens are there?

14		
Red		

Blue

56

```
    1  4
4 / 5  6
    4  0
    1  6
    1  6
       0
```

```
    1  4
x      3
    1  2
    3  0
    4  2
```

There are 42 Blue pens

4 Holly buys 4 packets of sweets.
There are 36 sweets in each packet.
She puts the sweets equally into 3 containers.
How many sweets are there in each container?

4 Packets	36	36	36	36

?

```
      3  6
x        4
      2  4
+  1  2  0
   1  4  4
```

144		
3 Contaniers		

```
         4  8
3 / 1  4  4
   -1  2  0
      2  4
   -  2  4
         0
```

There are 48 sweets in each container