

Multi-Step word problem

Name: _____

Ahmed has 30 bags of prizes. Each bag has 3 prizes. He also has a red bag with 12 prizes and a blue bag with the rest of the prizes. He has a total of 120 prizes.

How many prizes are in the blue bag?

Write an equation. Use a variable for the unknown number.

Solve for the unknown quantity.

1 Multiply.

$$(30 \times 3) + 12 + g = 120$$



$$\boxed{\quad} + 12 + g = 120$$

2 Add.

$$+ 12 + g = 120$$



$$\boxed{\quad} + g = 120$$

3 Subtract.

$$+ g = 120$$

Subtract from to find the value of g .

$$- = \underline{\quad}$$

so in the blue bag are _____ prizes.

A vet visits a small farm. Each small sheep weighs 15 kilograms.

Each large sheep weighs 30 kilograms. There are 4 small sheep and 6 large sheep.

How much do the sheep weigh altogether?

$$(4 \times 15) + (6 \times 30) = b$$

$$\begin{array}{r} | \\ (4 \times 15) \\ + \\ | \\ (6 \times 30) \\ = b \end{array}$$

$$b = \underline{\quad}$$