

1.

Add and find the appropriate value to replace the question mark (?)

$$5+55+555+5555+55555$$

[A] 60855

[B] 60455

[C] 61725

[D] 61455

Answer & Explanation

**Answer C**

2.

On her birthday Priyanka equally distributed chocolates among her 120 classmates. But on that day 15 of her classmates were absent. Thus each friend got 4 extra chocolates. How many chocolates did each friend get?

[A] 26

[B] 28

[C] 30

[D] 32

Answer & Explanation

**Answer D**

Let the number of chocolates each child got is  $x$

$$\text{Then, } 120x/105 - x = 4$$

$$= (120x-105x)/105 = 4$$

$$= 15x = 420$$

$$\text{So, } x = 28$$

Thus each classmate got  $28 + 4 = 32$  chocolates

3.

There are some owls and some lions in a forest. If the total number of heads in the forest is 1460 and total number of legs is 4580. What is the total number of owls in the forest?

[A] 630

[B] 830

[C] 930

[D] 960

**Answer & Explanation****Answer A**

Let us take the total number of owls is =  $x$

and total number of lions is =  $y$

Then,  $x + y = 1460$  -----(i)

We know that a owl has 2 legs and a lion has 4 legs.

So, the total number of legs of owl is =  $2x$

and the total number of legs of lion is =  $4y$

So,  $2x + 4y = 4580$  -----(ii)

Solving the equation (i) and (ii) we get,

$x = 630$  and  $y = 830$

So the total number of owls is = 630

4.

By how much is  $\frac{3}{38}$  of 304 is less than  $\frac{6}{5}$  of 400?

[A] 352

[B] 456

[C] 478

[D] 482

**Answer & Explanation****Answer B**

=  $\frac{6}{5}$  of 400 -  $\frac{3}{38}$  of 304

= 480 - 24

= 456

5.

A man earn Rs. 320 on the first day and spends Rs. 250 on the next day. He again earns Rs. 320 on the third day and spend Rs. 250 on the fourth day. Tf he continues to earn like that, how soon he will be have Rs. 1050 in hand?

[A] 15

[B] 29

[C] 30

[D] 31

**Answer & Explanation**

**Answer C**

On the second day he spend Rs. 250, i.e. he earns Rs. 70

On the third day he again earn Rs. 320 and spend Rs. 70. Thus he save Rs. 70 again.

Thus it is seen that he save Rs. 70 in every 2 days.

So, he earn Rs. 1050 in  $1050/70 \times 2 = 30$  days.