21 Days challenge

06/07/2021

Day-1

Aptitude ropic: Percentages

[shortcut:
$$\frac{1/2}{2} = \frac{50}{2} = 25\%$$
 and ... soon]

Concepts:

100% of any number = The same no.

1)
$$25\%90$$
 2) $14.2857\%5$ $\frac{1}{4}\times90=90/4$ $\frac{1}{7}\times5=7/5$

Problems:

1) Given:

original price = 3000 offer=75%

It offer is given to product, what is final price?

75% 30pg = 2250

3000 - 2250 = 750 ⇒ Final price.

2) what percent is 42 kg of 33b kg? x 1/0 33b=42

$$x = 100/8$$

$$x = 12.5$$

8x = 100

3) Express
$$2(\frac{1}{4})$$
 in percent $2(\frac{1}{4}) = \frac{1}{2} = 50\%$

501:

100 X8 = 1

4) what percent is 2 min 24 sec of an hour?
$$x = (1 \text{ hour}) = 2 \text{ min } 24 \text{ sec}$$

 $y = \frac{21}{15}Z$

Y % 500 +1320 = 1500

7% 5pg = \$80

$$6. (1hour) = 2min 24 3ec$$

$$\chi \% 3600 = (2 \times 60) + 24$$
 $\chi = 124/36$
 $\chi \% 3600 = 144$
 $\chi = 4$

$$36x = 144$$
5) If 15% of y is same as 21% Z, then 12.5% y

is equal to what percent of
$$Z$$
?

Solidary 15 y/0 $Y = 21$ y/0 Z $12.5/Y = 2.9/0 Z$

$$5\% = 21\% = 21\% = 12.5\% = 2\% = 15\% = 21\% = 15\% = 12.5\% = 15\% = 21\% = 21\% = 15$$

$$\frac{2.5}{12.5\times21^{7}} = \chi.$$

2=4

$$x=17.5$$

7) Given:

% charge =
$$\frac{130-100}{130}$$
 x 100

$$= 30093.07$$

$$= 23.07$$

let wheat = 100 Rice = 30% less ..

= 72480