

NAME:- \_\_\_\_\_

Roll No:- \_\_\_\_\_

Date: \_\_\_\_\_

Ques 1 find the height of the parallelogram whose area is  $338 \text{ m}^2$  and base is  $1.3 \text{ m}$ .

Ques 2. Verify  $-(c-2) \times [(c-4) + (-6)] = [(c-2) \times (c-4)] + [(c-2) \times (-6)]$

Ques 3. A car covers a distance of  $89.1 \text{ km}$  in  $2.2$  hours. what is the average distance covered by it in  $1$  hour?

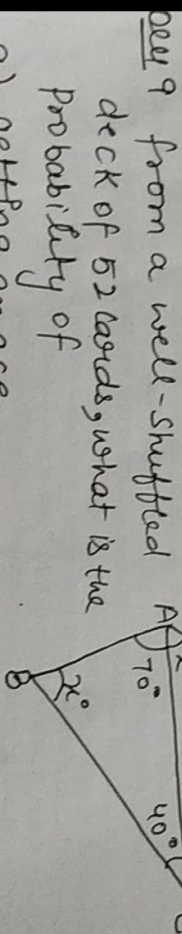
Ques 4 find 5 numbers between  $\frac{1}{2}$  and  $\frac{1}{3}$ .

Ques 5 using distributive property, evaluate :-  
 $-\frac{5}{3} \times \frac{5}{7} - \frac{4}{7} \times \frac{5}{3}$

Ques 6 The cost of  $5\frac{2}{7} \text{ m}$  of clothes is  $\text{₹} 28\frac{1}{3}$ . what is the cost of  $1$  metre of cloth?

Ques 7 solve.  $1 - \frac{2(x+3)}{5x-2} = \frac{-3}{5}$

Ques 8 find the value of  $x$ .



a) getting an ace.

b) getting a red card. c) getting a black queen

c) getting a card of clubs.

Ques 10 Kapil purchased an old car for ₹ 11400 and spent ₹ 5600 on its repairs. He then sold the car for ₹ 15000. Find his gain %.

Sol 11 solve the following.

a)  $(6a^2 + 17ab - 5b^2) + (-2a^2 - 20ab + 2b^2)$

b)  $(-12x^2 + 20x - 16) - (15x^2 + 23x - 17)$

Ques 12 Find  $x$  :-  $(\frac{-3}{4})^3 \times (\frac{-3}{4})^4 = (\frac{-3}{4})^{2x+1}$