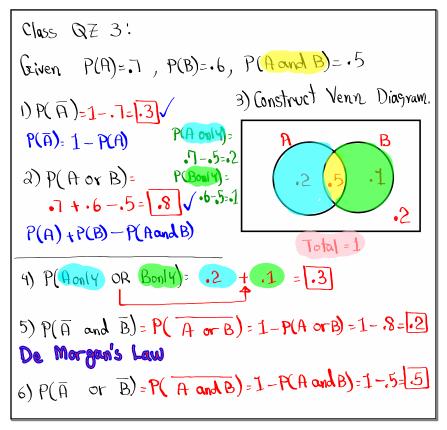


Feb 19-8:47 AM



Mar 7-8:11 AM

```
Given P(E) = .08

1) write P(E) in \%.

P(E) = .08 = .08(100)\% = 8\%

2) write P(E) in reduced Straction.

.08 Math 1: A Frace Enter 25

3) Sind P(E) in decimal.

P(E) = 1 - P(E) = 1 - .08 = .92

Complement tule

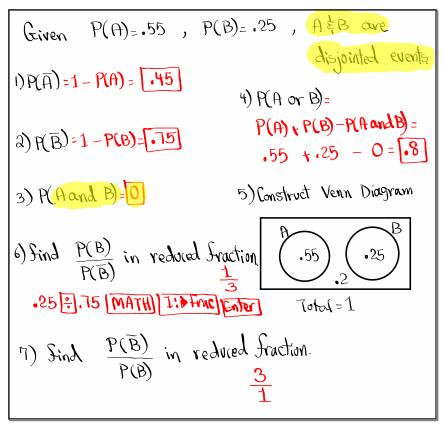
4) Sind P(E) in reduced Straction.

P(E) = 1 - P(E) in reduced Straction.

5) Sind P(E) in reduced Straction.

P(E) = 1 - P(E) in reduced Straction.
```

Mar 8-7:24 AM



1)
$$Sind P(\overline{A}) = 1 - P(A) = 1 - .125 = .875$$

Complement Rule

a)
$$\frac{P(A)}{P(\overline{A})}$$
 in reduced fraction.

3)
$$\frac{P(\overline{A})}{P(A)}$$
 in reduced fraction. $\frac{\eta}{1}$

Mar 8-7:46 AM

I flip a coin 40 times, and it landed tails

24 times.

P(Tail) =
$$\frac{24}{40} = \frac{3}{5}$$

Odds in Savor of landing tails:

tails 3 # tails

24 : 16 => 3:2

Divide by 8

Odds against landing tails: 2:3

Mar 8-7:53 AM

A standard deck of playing Cards has 52

Cards and 4 Aces.

P(Select Ace) =
$$\frac{4}{52} = \frac{1}{13}$$

P(Select Ace) = $\frac{48}{52} = \frac{12}{13}$

odds in Savor of getting Ace:

Aces 3 # Aces
4 : 48

Divide by 4

Colon

odds against getting Ace:

Mar 8-8:02 AM

odds in fower of event E are
$$0.8b$$

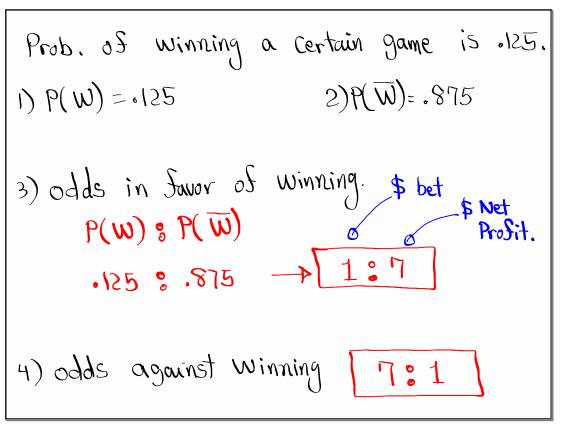
$$P(E) = \frac{a}{a+b}, P(E) = \frac{b}{a+b}$$
ex: Suppose odds in Sour of event E are out of 20 attempts
$$3.817 \quad E \text{ happens } 3 \text{ times}$$

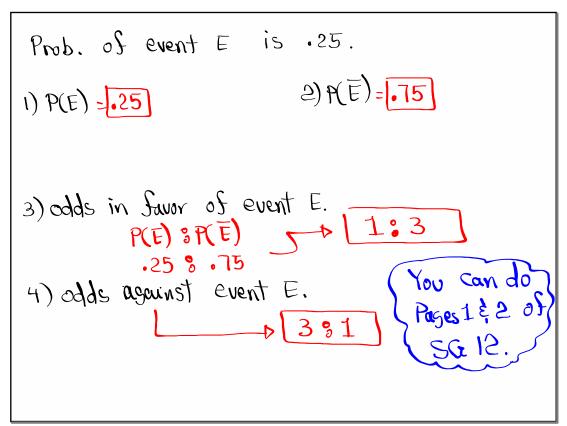
$$P(E) = \frac{3}{3+17} = \frac{3}{20}$$

$$P(E) = \frac{3}{3+17} = \frac{3}{20}$$
odds for Lakers to win the Championship this year are 1.49 .
$$P(Win) = \frac{1}{1+49} = \frac{1}{50}$$

$$P(W) = \frac{49}{1+49} = \frac{49}{50}$$

Mar 8-8:11 AM





Mar 8-8:21 AM