

# Thinkitive

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1)  $(B + C)$ 's 1 day's work  $= \frac{1}{9} + \frac{1}{10} = \frac{10+9}{90} = \frac{19}{90}$

Workdone by B and C in 3 days  $= \frac{19}{90} \times 3 = \frac{19}{30}$

Remaining work  $= 1 - \frac{19}{30} = \frac{11}{30}$

Now,  $\frac{1}{60}$  work is done by A in 1 day So,

work is done by A in  $= \frac{11}{30} \times 60 = 22$  days

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2) If the seventh day of a month is three days earlier than Friday, what day will it be on the twentieth day of the month ?

3 days than fri means day is tue

7+7-14th day of next week

again 14+7 - 21st day is tue and we want 20th so one less of 21st i.e Monday

so ans: Monday

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3) Kumar said " Woman is the wife of the grandchild of my father" What is the relationship between Kumar & Woman?

Father X-----kumar son of X-----son of kumar    B-----B's wife Y

So kumar is fatherinlaw

A Raj walks 7 km towards East and then he turns to south and walks 5 km. Again he turns to the East and walks 5 km, after this he turns to North and walks 10 km.

Now how far is he from his starting point

Using pythagorus theorem

$$C^2=A^2+B^2$$

$$C^2=144+25=13$$

Ans-- 13

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Necklace is related to Gold in the same way as a shirt is related to ?

Neckless is made up of gold and so shirt is made of cotton

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Star pattern:

```
int i,j,k, kk;
for( i=0;i<=4;i++)
{
    for( j=i;j<4;j++)
    {
        System.out.print(" ");
    }
    for( k=0;k<=i;k++)
    {
        System.out.print("*");
    }

    for( kk=1;kk<=i;kk++)
    {
        System.out.print("*");
    }
}
```

```
        System.out.println();  
    }
```