

SCMO R1 Revision Daily Check-in

Word problem

Time: 20min Full marks: 10 points Name: _____ Score: _____

1. (3 points) The first box and the second box in a toy store have the same number of yoyos. If you take 30 yoyos from the first box and put them into the second box, the number of yoyos in the second box is three times that of the first box. How many yoyos are there in the first box at the beginning?

Solution:



2 units: $30+30=60$

First: $60 \div 2=30$

At the beginning: $30+30=60$

2. (3 points) A wooden stick is 36 cm long and a carpenter wants to cut it into 6 equal pieces. If each cut takes 4 minutes and he needs to rest 2 minutes for every cut, how much time does it take?

Solution:

It will take 5 cuts and 4 rest because no rest after the last cut.

$4 \times 5=20$ minutes

$2 \times 4=8$ minutes

$20+8=28$ minutes

3. (4 points) What day is the 15th of July where July has 4 Mondays and 4 Thursdays? (July has 31 days)

Solution:

There are 31 days in July.

$31 \div 7=4R3$

The remaining 3 days must be Friday, Saturday and Sunday or there will be five Mondays or Thursdays.

So the first day of July is Friday.

$15-1=14$, which is two weeks.

The 15th day of July is Friday.