

10 friends want to visit a museum. A taxi holds 3 people. How many taxis will they need?

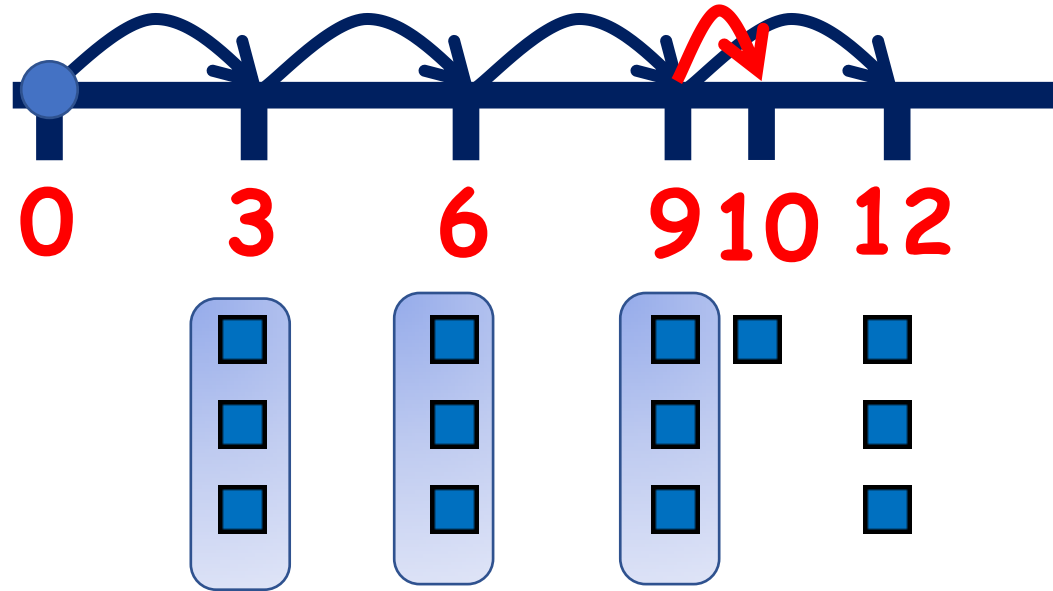
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5:49

Round remainders

10 friends want to visit a museum. A taxi holds 3 people. How many taxis will they need?



But you can't have 3
remainder 1 taxis!

They will
need 4 taxis.

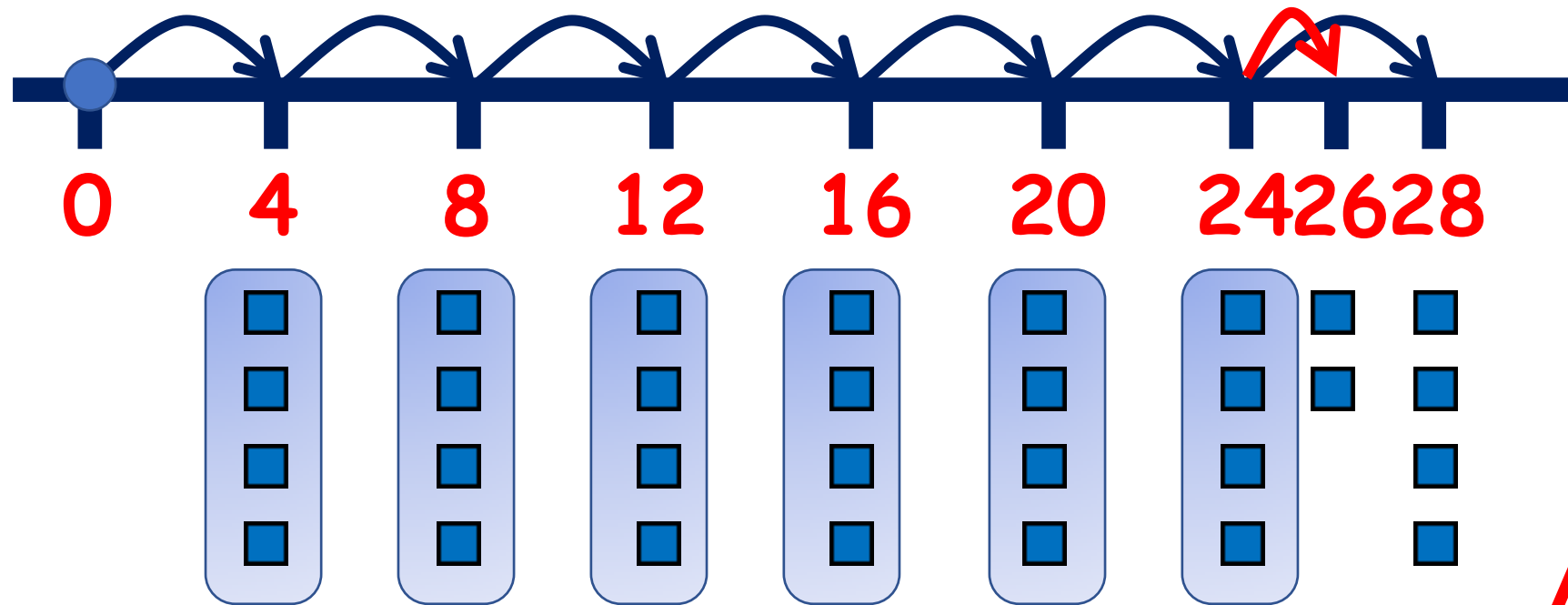
$$10 \div 3 = 3 \text{ r } 1$$

10 friends want to visit a museum. A taxi holds 3 people. How many taxis will they need?



They will need 4 taxis.

There is 26 ml left in a bottle of medicine. Each spoonful of medicine holds 4 ml. How many spoonfuls are left in the bottle?

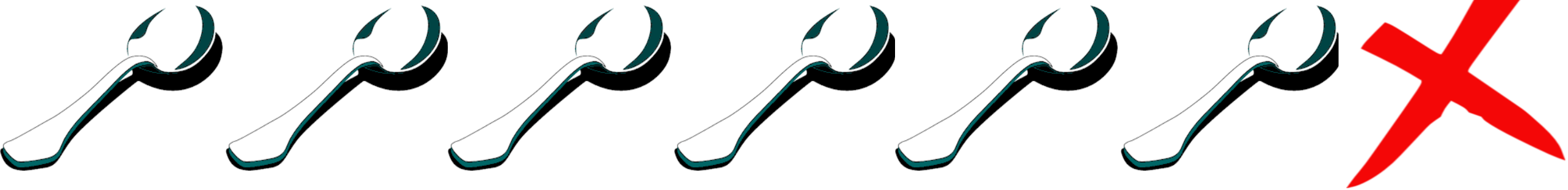


But the 2 ml remaining isn't enough for a spoonful.

$$26 \div 4 = 6 \text{ remainder } 2$$

There are 6 spoonfuls left.

There is 26 ml left in a bottle of medicine. Each spoonful of medicine holds 4 ml. How many spoonfuls are left in the bottle?



There are 6 spoonfuls left.

A baker has 34 cakes. He sells them in boxes of 4. How many full boxes can he make?

$$4 \overline{) 34} \begin{array}{l} 8 \\ \hline 32 \\ \hline 2 \end{array} \text{ r } 2$$

5:41

Interpret remainders appropriately for the context (round up or down)

How many 4m lengths can be cut from 39m of rope?

$$\begin{array}{r} 9 \text{ r } 3 \\ 4 \overline{) 39} \end{array}$$

9 lengths of rope can be cut.

3 tennis balls can fit into one can. How many cans are needed to hold 16 balls?

$$\begin{array}{r} 5 \text{ r } 1 \\ 3 \overline{) 16} \end{array}$$

6 cans are needed.

A baker has 34 cakes. He sells them in boxes of 4. How many full boxes can he make?

$$\begin{array}{r} 8 \text{ r } 2 \\ 4 \overline{) 34} \end{array}$$

He can make 8 full boxes.

One box of cat food lasts our cat 4 days. How many boxes will we need to last our cat 22 days?

$$\begin{array}{r} 5 \text{ r } 2 \\ 4 \overline{) 22} \end{array}$$

You will need 6 boxes.

I read 9 pages of my book a day. How many days will it take me to complete my 228 page book?

$$\begin{array}{r} 25 \text{ r } 3 \\ 9 \overline{) 228} \end{array}$$

It will take you 26 days.