

Name

Date



SHARE THE TREASURE CHALLENGE 3

Captain Salamander and his crew have found 24 bars of gold.

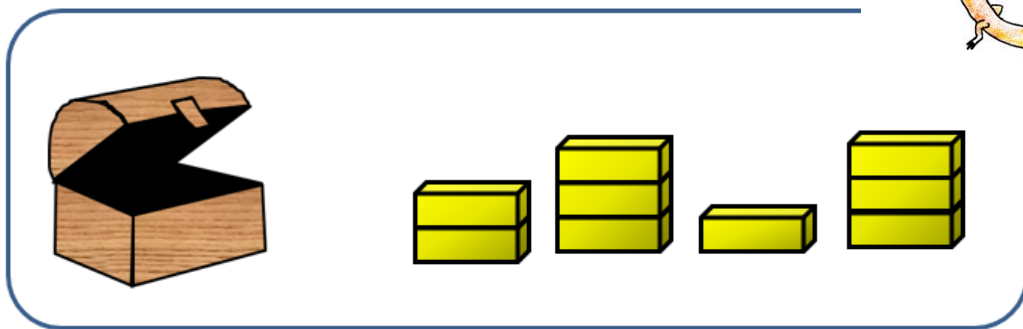
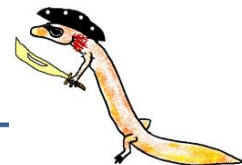
The captain decides that he is going to share all the treasure out.

He puts $\frac{1}{3}$ of the bars to aside for himself.

He gives $\frac{1}{4}$ of the bars to his friend Bill.

He shares out 7 bars with the rest of his crew.

How many bars does he have left?



What if the Captain started with 36 bars to start with?



SHARE THE TREASURE CHALLENGE 3 ANSWERS

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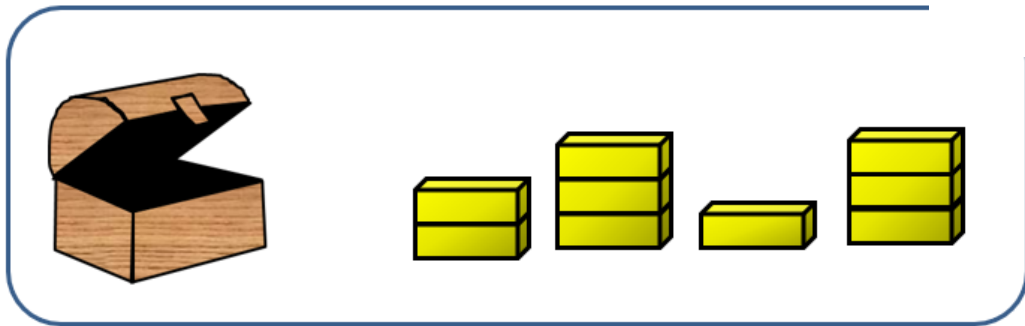
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He shares out 7 bars with the rest of his crew.

How many bars does he have left?



Captain gets $\frac{1}{3}$ of 24 = 8 bars

Bill gets $\frac{1}{4}$ of 24 = 6 bars

The crew get 7 bars.

Total so far = $8 + 6 + 7 = 21$

He has $24 - 21 = 3$ bars left

What if the Captain started with 36 bars to start with?

Captain gets $\frac{1}{3}$ of 36 = 12 bars

Bill gets $\frac{1}{4}$ of 36 = 9 bars

The crew get 7 bars.

Total so far = $12 + 9 + 7 = 28$

He has $36 - 28 = 8$ bars left